

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800512	ABA104674	25%	82.3%	82.1%
SAU800512	BAN105387	47%	95.6%	100%
SAU800512	BAN111644	59%	98.6%	99.3%
SAU800512	BPT101679	22%	94.5%	91.4%
SAU800512	BCE104415	27%	28.3%	20.1%
SAU800512	BFU102353	24%	94.5%	91.1%
SAU800512	BMA102197	25%	94.5%	91.1%
SAU800512	CAC102483	38%	98.6%	98.0%
SAU800512	CBO100978	40%	98.3%	97.6%
SAU800512	CDF103810	45%	98.6%	99.3%
SAU800512	EBC103852	25%	96.6%	91.8%
SAU800512	EFA201930	58%	96.2%	94.6%
SAU800512	ECO103324	24%	96.6%	93.2%
SAU800512	HIN100790	21%	97.6%	94.9%
SAU800512	KPN306988	23%	96.6%	93.2%
SAU800512	LPN100616	22%	93.2%	93.2%
SAU800512	LMO102519	61%	98.0%	98.3%
SAU800512	MCA101414	24%	96.2%	92.3%
SAU800512	MAV105907	31%	16.7%	8.6%
SAU800512	NGO100527	24%	90.1%	84.4%
SAU800512	NME200412	23%	90.1%	77.7%
SAU800512	PMU101547	22%	95.6%	94.4%
SAU800512	PRT102606	21%	96.6%	94.9%
SAU800512	PAE205188	21%	97.3%	94.3%
SAU800512	PPU109985	20%	96.2%	92.0%
SAU800512	PSY103060	21%	94.5%	82.6%
SAU800512	SPA102217	24%	96.6%	93.2%
SAU800512	STY101381	24%	96.6%	93.8%
SAU800512	STM102899	24%	96.6%	93.2%
SAU800512	SAU800512	100%	100%	100%
SAU800512	SEP201845	86%	99.7%	99.7%
SAU800512	SHA100697	88%	99.7%	99.3%
SAU800512	SMU101402	40%	99.0%	99.7%
SAU800512	SPN401990	40%	97.6%	98.3%
SAU800512	SPY200090	39%	99.0%	99.7%
SAU800512	VCH102697	20%	97.3%	91.9%
SAU800512	YPS001563	22%	97.6%	94.9%
SAU800513	ABA104099	48%	97.7%	94.3%
SAU800513	BAN102869	49%	97.4%	98.4%
SAU800513	BAN106294	66%	97.4%	96.2%
SAU800513	BFR10188	52%	98.7%	97.8%
SAU800513	BFR101983	59%	99.0%	98.4%
SAU800513	BPT100209	37%	99.0%	100%
SAU800513	BCE108109	41%	98.7%	83.7%
SAU800513	BFU116313	48%	97.1%	96.5%
SAU800513	BMA101335	40%	98.7%	99.3%
SAU800513	CJU100842	44%	97.1%	98.7%
SAU800513	CAC102941	55%	96.5%	97.7%
SAU800513	CBO100211	57%	98.1%	99.4%
SAU800513	CDF104166	47%	96.8%	99.0%
SAU800513	CDP101484	52%	99.0%	98.4%
SAU800513	EBC101639	52%	95.2%	93.5%
SAU800513	EFA201835	60%	100%	100%
SAU800513	ECO102365	52%	95.2%	93.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800513	HIN101077	50%	94.8%	95.3%
SAU800513	KPN300766	54%	82.3%	96.4%
SAU800513	LPN100024	44%	95.2%	94.3%
SAU800513	LMO100284	67%	98.1%	98.7%
SAU800513	MCA100983	57%	96.8%	97.1%
SAU800513	MAV104131	58%	97.1%	97.4%
SAU800513	MBV103669	58%	97.1%	97.4%
SAU800513	MLP100505	56%	97.1%	97.4%
SAU800513	MTU202300	58%	97.1%	97.4%
SAU800513	NGO100032	58%	62.9%	99.5%
SAU800513	NME200897	60%	98.1%	98.7%
SAU800513	PMU101693	49%	94.8%	95.2%
SAU800513	PRT102264	53%	98.1%	97.8%
SAU800513	PAB202707	53%	95.5%	93.8%
SAU800513	PPU106282	52%	95.2%	93.5%
SAU800513	PSY105521	52%	95.2%	93.5%
SAU800513	SPA101199	48%	95.2%	93.4%
SAU800513	STY101194	52%	95.2%	93.5%
SAU800513	STM101233	52%	95.2%	93.5%
SAU800513	SAU800513	100%	100%	100%
SAU800513	SEP201846	94%	100%	100%
SAU800513	SHA100698	93%	100%	100%
SAU800513	SMU101545	60%	98.7%	99.4%
SAU800513	SPN402012	63%	96.8%	98.0%
SAU800513	SPY201246	63%	96.1%	95.2%
SAU800513	VCH100952	54%	95.2%	93.5%
SAU800513	YPS000618	53%	95.2%	93.5%
SAU800514	ABA103059	36%	91.4%	88.0%
SAU800514	BAN106505	43%	83.9%	85.2%
SAU800514	BAN104389	46%	94.4%	84.5%
SAU800514	BFR100332	36%	94.8%	90.6%
SAU800514	BPT101025	37%	89.1%	86.4%
SAU800514	BCE103917	42%	63.3%	75.5%
SAU800514	BFU113769	35%	94.0%	94.1%
SAU800514	BMA100868	36%	89.1%	84.1%
SAU800514	CJU100546	28%	75.3%	54.7%
SAU800514	CPN201095	27%	91.8%	57.1%
SAU800514	CTR200892	28%	92.1%	57.8%
SAU800514	CAC102945	44%	92.1%	91.4%
SAU800514	CBO101085	38%	95.1%	65.8%
SAU800514	CDF102713	48%	94.4%	94.4%
SAU800514	CDP100658	39%	91.4%	92.1%
SAU800514	EBC102675	36%	97.0%	88.3%
SAU800514	EFA200779	38%	89.9%	90.9%
SAU800514	ECO103107	38%	97.0%	89.2%
SAU800514	HIN101432	36%	92.5%	91.6%
SAU800514	HIN101302	36%	92.5%	91.6%
SAU800514	HPY101215	25%	95.9%	68.7%
SAU800514	KPN300883	38%	89.5%	86.5%
SAU800514	LPN102090	36%	89.1%	92.4%
SAU800514	LMO102383	48%	93.3%	91.9%
SAU800514	MCA100464	35%	92.5%	89.6%
SAU800514	MAV103185	35%	89.1%	85.2%
SAU800514	MBV102396	38%	93.6%	93.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800514	MLP100156	37%	94.0%	92.6%
SAU800514	MTU203556	38%	93.6%	93.6%
SAU800514	NGO100556	39%	94.0%	91.9%
SAU800514	NME201799	38%	97.0%	94.7%
SAU800514	PMU100439	38%	94.0%	93.1%
SAU800514	PRT100620	38%	91.4%	90.2%
SAU800514	PAE204746	38%	91.0%	87.6%
SAU800514	PPU105044	38%	91.0%	87.6%
SAU800514	PSY106101	38%	94.8%	91.2%
SAU800514	SPA100514	33%	91.4%	88.9%
SAU800514	STY101479	38%	91.4%	88.3%
SAU800514	SAU800514	100%	100%	100%
SAU800514	SEP201847	75%	100%	100%
SAU800514	SHA100699	71%	97.0%	99.2%
SAU800514	SMU100992	47%	93.3%	94.0%
SAU800514	SPN400266	37%	97.0%	95.2%
SAU800514	SPY200831	49%	90.3%	91.0%
SAU800514	VCH100626	36%	95.1%	93.5%
SAU800514	YPS001057	37%	91.4%	89.9%
SAU800517	ABA102635	51%	99.0%	94.4%
SAU800517	BAN101985	52%	97.4%	100%
SAU800517	BAN113496	76%	99.6%	98.4%
SAU800517	BFR102757	46%	99.0%	86.1%
SAU800517	BPT101799	50%	99.8%	98.0%
SAU800517	BCE109946	50%	100%	97.8%
SAU800517	BFU108644	49%	99.4%	95.0%
SAU800517	BMA108408	51%	100%	97.8%
SAU800517	CJU100369	47%	97.4%	96.2%
SAU800517	CPN200915	40%	98.8%	97.0%
SAU800517	CTR200158	40%	98.8%	97.5%
SAU800517	CAC101713	54%	99.0%	94.2%
SAU800517	CBO101347	55%	99.2%	96.4%
SAU800517	CDF101016	55%	99.6%	95.3%
SAU800517	CDP100639	38%	99.4%	98.3%
SAU800517	EBC102996	51%	99.0%	96.8%
SAU800517	EFA201926	68%	99.2%	98.2%
SAU800517	EFM102056	57%	23.6%	98.3%
SAU800517	ECO104023	53%	99.0%	96.8%
SAU800517	HIN101184	54%	99.4%	98.2%
SAU800517	HPY100179	46%	98.6%	97.0%
SAU800517	KPN303317	51%	99.0%	96.8%
SAU800517	KPN302939	52%	99.0%	96.8%
SAU800517	LPN100325	52%	97.8%	97.0%
SAU800517	LMO102242	66%	99.6%	98.6%
SAU800517	MCA100679	50%	99.0%	96.8%
SAU800517	MAV100921	40%	99.0%	98.0%
SAU800517	MBV102374	40%	89.1%	92.9%
SAU800517	MLP100165	39%	98.4%	96.6%
SAU800517	MTU203546	38%	99.4%	98.0%
SAU800517	MGE100138	45%	99.8%	99.6%
SAU800517	MPN100558	46%	99.8%	99.6%
SAU800517	NGO101519	51%	98.6%	96.6%
SAU800517	NME201498	51%	98.6%	96.6%
SAU800517	PMU100189	53%	99.4%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800517	PRT100474	53%	99.0%	96.3%
SAU800517	PAE203698	50%	99.6%	97.4%
SAU800517	PPU107895	50%	99.6%	97.4%
SAU800517	PSY104934	51%	99.6%	97.4%
SAU800517	SPA102976	52%	99.0%	96.8%
SAU800517	STY104136	52%	99.0%	96.8%
SAU800517	STM103496	30%	64.2%	95.1%
SAU800517	SAU800517	100%	100%	100%
SAU800517	SEP201850	89%	100%	100%
SAU800517	SHA100105	93%	45.9%	100%
SAU800517	SMU100072	62%	99.4%	98.2%
SAU800517	SPN400626	62%	99.2%	98.8%
SAU800517	SPY200429	62%	99.2%	98.6%
SAU800517	UUR100060	53%	100%	99.6%
SAU800517	VCH100651	49%	99.6%	96.5%
SAU800517	YPS000160	52%	99.4%	97.2%
SAU800519	ABA100756	26%	50.5%	67.8%
SAU800519	BAN109871	71%	98.3%	99.7%
SAU800519	BAN107508	77%	100%	100%
SAU800519	BFR11308	34%	28.8%	29.5%
SAU800519	BPT100814	28%	7.5%	47.8%
SAU800519	BFU102894	25%	73.9%	64.9%
SAU800519	BMA102637	28%	36.6%	36.1%
SAU800519	CAC102051	62%	98.6%	100%
SAU800519	CBO101315	65%	96.9%	100%
SAU800519	CDP101490	60%	97.3%	95.7%
SAU800519	EBC103909	31%	30.5%	29.0%
SAU800519	EFM200941	37%	19.0%	14.2%
SAU800519	ECO103889	39%	19.0%	19.2%
SAU800519	HIN101613	60%	96.6%	97.3%
SAU800519	KPN306802	36%	20.3%	22.7%
SAU800519	LMO102728	79%	100%	100%
SAU800519	MCA100752	34%	29.2%	34.2%
SAU800519	MAV101844	61%	98.3%	95.7%
SAU800519	MBV100793	60%	98.3%	94.8%
SAU800519	MLP100276	60%	98.3%	94.5%
SAU800519	MTU202569	60%	98.3%	97.0%
SAU800519	NGO100999	37%	20%	19.8%
SAU800519	NME200335	37%	20%	19.8%
SAU800519	PMU101232	82%	100%	100%
SAU800519	PRT104614	31%	27.8%	28.2%
SAU800519	PAE200380	26%	51.9%	68.3%
SAU800519	SPA101833	41%	18.6%	20.3%
SAU800519	STY103157	41%	18.6%	20.3%
SAU800519	STM101623	41%	18.6%	20.3%
SAU800519	SAU800519	100%	100%	100%
SAU800519	SEP201862	97%	100%	100%
SAU800519	SHA101015	95%	100%	100%
SAU800519	SPN401321	60%	96.6%	95.3%
SAU800519	VCH100065	35%	33.9%	37.5%
SAU800519	YPS000466	32%	25.8%	22.2%
SAU800520	BAN104549	56%	97.8%	91.6%
SAU800520	BAN104960	56%	100%	96.4%
SAU800520	CAC102975	41%	96.2%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800520	CDP101491	41%	93.5%	95.7%
SAU800520	EFM201119	23%	78.5%	75.7%
SAU800520	HIN101614	44%	87.1%	96.6%
SAU800520	LMO100481	44%	97.8%	98.9%
SAU800520	MAV101842	42%	96.2%	94.9%
SAU800520	MBV100772	41%	99.5%	98.0%
SAU800520	MLP100291	40%	96.2%	84.3%
SAU800520	MTU202567	41%	99.5%	98.0%
SAU800520	PMU101233	50%	96.2%	95.3%
SAU800520	SAU800520	100%	100%	100%
SAU800520	SEP201863	80%	98.9%	98.9%
SAU800520	SHA101014	84%	98.9%	100%
SAU800520	SPN401320	46%	100%	100%
SAU800523	ABA103208	24%	38.8%	50%
SAU800523	BAN106494	32%	94.7%	94.5%
SAU800523	CPN200044	24%	95.2%	92.4%
SAU800523	CTR200047	29%	41.5%	49.2%
SAU800523	CAC101982	31%	94.7%	96%
SAU800523	CBO101445	30%	96.8%	98.3%
SAU800523	CDF100266	30%	94.7%	97.6%
SAU800523	LMO102833	29%	96.8%	98.8%
SAU800523	PAE203102	32%	34.6%	26.8%
SAU800523	SAU800523	100%	100%	100%
SAU800523	SEP201867	71%	99.5%	100%
SAU800523	SHA101374	73%	99.5%	100%
SAU800524	BAN106857	36%	93.7%	95.1%
SAU800524	BAN112005	41%	98.8%	97.2%
SAU800524	CPN100682	24%	77.3%	75.1%
SAU800524	CTR200046	26%	60%	56.2%
SAU800524	CAC101065	39%	97.6%	100%
SAU800524	CBO102797	36%	97.0%	95.8%
SAU800524	CDF100265	40%	96.4%	96.8%
SAU800524	LMO100281	43%	96.7%	96.5%
SAU800524	SAU800524	100%	100%	100%
SAU800524	SEP201868	79%	100%	98.2%
SAU800524	SHA101375	77%	98.5%	98.8%
SAU800525	BAN109395	58%	93.2%	95.6%
SAU800525	BAN104033	69%	98.8%	99.8%
SAU800525	BFR102278	46%	99.0%	99.4%
SAU800525	BBU100833	31%	95.1%	98.0%
SAU800525	BFU102993	46%	96.7%	83.5%
SAU800525	CPN200311	49%	99.6%	99.4%
SAU800525	CTR200551	50%	95.5%	92.9%
SAU800525	CAC101654	59%	97.4%	98.8%
SAU800525	CBO101582	59%	97.2%	98.3%
SAU800525	CDF100283	57%	96.8%	98.3%
SAU800525	CDP100633	55%	99.5%	95.6%
SAU800525	EFA200763	57%	22.1%	12.3%
SAU800525	EFM201642	56%	16.7%	7.6%
SAU800525	KPN202650	48%	97.6%	96.4%
SAU800525	LMO101646	70%	97.7%	97.4%
SAU800525	MAV100919	57%	97.3%	95.5%
SAU800525	MBV102380	58%	97.3%	94.9%
SAU800525	MLP100167	57%	97.3%	94.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800525	MTU203544	58%	97.3%	94.9%
SAU800525	PAE200458	49%	97.1%	93.1%
SAU800525	PPU111611	48%	97.6%	86.0%
SAU800525	SAU800525	100%	100%	100%
SAU800525	SEP201869	93%	99.5%	99.6%
SAU800525	SHA101376	93%	99.0%	98.3%
SAU800525	SMU100618	44%	97.4%	99.1%
SAU800525	SPN401997	46%	88.8%	96.2%
SAU800525	SPY201584	42%	97.6%	99.3%
SAU800526	ABA102159	49%	99.6%	98.5%
SAU800526	BAN111588	53%	93.8%	98.6%
SAU800526	BAN107627	63%	99.6%	99.6%
SAU800526	BFR12344	50%	94.1%	98.6%
SAU800526	BPT100212	51%	98.7%	99.1%
SAU800526	BCE105510	49%	98.7%	98.5%
SAU800526	BFU116174	50%	97.4%	98.5%
SAU800526	BMA108374	50%	98.7%	98.5%
SAU800526	CJU101130	48%	93.2%	94.6%
SAU800526	CPN200710	47%	99.1%	99.3%
SAU800526	CTR200563	49%	98.2%	90.5%
SAU800526	CAC101532	49%	98.9%	99.3%
SAU800526	CBO101852	47%	98.9%	99.3%
SAU800526	CDF100282	50%	99.6%	99.1%
SAU800526	CDP100623	42%	99.6%	99.8%
SAU800526	EBC103585	45%	98.0%	97.8%
SAU800526	EFA200202	58%	98.7%	98.9%
SAU800526	EFM201370	58%	98.7%	97.0%
SAU800526	ECO104275	46%	98.9%	98.9%
SAU800526	HIN101564	44%	98.9%	95.4%
SAU800526	HPY100219	47%	93.4%	93.2%
SAU800526	KPN302185	45%	98.0%	98.5%
SAU800526	LPN100655	48%	93.4%	94.4%
SAU800526	LMO100194	64%	99.3%	98.9%
SAU800526	MCA100542	47%	98.7%	98.1%
SAU800526	MAV102717	41%	94.7%	93.9%
SAU800526	MBV100379	39%	94.7%	93.5%
SAU800526	MTU203533	39%	99.1%	93.8%
SAU800526	NGO100123	49%	100%	99.6%
SAU800526	NME200915	49%	100%	99.6%
SAU800526	PMU100252	45%	93.8%	94.1%
SAU800526	PRT105275	44%	98.9%	98.3%
SAU800526	PAE204607	49%	98.7%	98.9%
SAU800526	PPU108525	49%	98.7%	98.9%
SAU800526	PSY105300	52%	86.8%	93.8%
SAU800526	SPA101143	45%	98.0%	98.5%
SAU800526	STY104615	46%	98.9%	98.9%
SAU800526	STM100383	45%	98.0%	97.8%
SAU800526	SAU800526	100%	100%	100%
SAU800526	SEP201870	92%	100%	99.3%
SAU800526	SHA101377	91%	100%	100%
SAU800526	SMU100655	61%	98.7%	96.1%
SAU800526	SPN400025	62%	91.6%	98.8%
SAU800526	SPY200171	59%	98.9%	99.1%
SAU800526	TPA101012	40%	99.3%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800526	VCH102308	44%	98.9%	98.7%
SAU800526	YPS000124	44%	98.9%	98.9%
SAU800528	ABA100922	33%	98.8%	96.1%
SAU800528	BAN110804	57%	99.6%	98.8%
SAU800528	BAN108869	68%	99.6%	99.4%
SAU800528	BFR102616	34%	95.0%	98.6%
SAU800528	BPT102905	38%	98.6%	92.9%
SAU800528	BBU100371	34%	98.3%	97.3%
SAU800528	BCE100150	43%	59.3%	99.3%
SAU800528	BFU100071	38%	98.3%	100%
SAU800528	BMA103736	39%	99.2%	98.9%
SAU800528	CJU101212	37%	99.8%	98.7%
SAU800528	CPN200187	38%	98.8%	92.7%
SAU800528	CTR200720	37%	98.3%	92.1%
SAU800528	CAC101596	35%	99.2%	97.9%
SAU800528	CBO103047	37%	99.4%	96.9%
SAU800528	CDF100252	43%	99.2%	98.8%
SAU800528	CDP100231	34%	99.4%	96.8%
SAU800528	EBC100212	37%	99.0%	98.7%
SAU800528	EFA200192	64%	99.0%	98.0%
SAU800528	EFM202131	64%	99.0%	99.0%
SAU800528	ECO102355	37%	99.0%	97.2%
SAU800528	HIN100261	36%	99.0%	95.2%
SAU800528	HPY100472	38%	99.0%	98.7%
SAU800528	KPN305021	44%	42.6%	99.5%
SAU800528	LPN103492	39%	98.6%	96.8%
SAU800528	LMO101411	69%	98.6%	97.6%
SAU800528	MCA102322	34%	98.6%	94.9%
SAU800528	MAV101415	33%	94.8%	97.2%
SAU800528	MBV101327	34%	98.6%	99.6%
SAU800528	MLP101032	34%	98.6%	95.4%
SAU800528	MTU202954	34%	99.2%	97.6%
SAU800528	MGE100471	41%	99.4%	98.3%
SAU800528	MPN100164	41%	99.4%	98.3%
SAU800528	NGO100018	36%	98.6%	99.4%
SAU800528	NME200234	36%	98.6%	99.4%
SAU800528	PMU101115	36%	99.0%	95.2%
SAU800528	PRT100735	37%	99.0%	97.0%
SAU800528	PAE203132	35%	98.8%	94.3%
SAU800528	PPU101878	34%	98.8%	94.5%
SAU800528	PSY105734	35%	98.8%	94.5%
SAU800528	SPA103535	34%	93.8%	91.9%
SAU800528	STY101161	38%	93.8%	91.4%
SAU800528	STM101572	26%	25.4%	20.7%
SAU800528	SAU800528	100%	100%	100%
SAU800528	SEP201872	89%	99.4%	99.4%
SAU800528	SHA101478	89%	95.9%	99.8%
SAU800528	SMU100660	58%	99.4%	98.6%
SAU800528	SPN401878	58%	99.4%	98.4%
SAU800528	SPY200174	58%	99.4%	99.4%
SAU800528	TPA100665	33%	98.6%	96.5%
SAU800528	UUR100606	42%	98.6%	98.1%
SAU800528	VCH102180	39%	98.6%	90.2%
SAU800528	YPS000590	38%	98.6%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800529	ABA101415	56%	80.3%	72.2%
SAU800529	BAN102387	62%	91.1%	89.8%
SAU800529	BAN101066	67%	95.3%	91.9%
SAU800529	BFR100721	40%	72.3%	54.5%
SAU800529	BPT102142	46%	71.8%	51.1%
SAU800529	BCE108070	56%	78.9%	63.3%
SAU800529	BFU100954	55%	78.9%	60.1%
SAU800529	BMA108518	53%	78.9%	64.8%
SAU800529	CJU100702	49%	77.9%	78.8%
SAU800529	CAC100612	61%	78.9%	90.3%
SAU800529	CBO103931	62%	77.0%	81.6%
SAU800529	CDF101107	60%	79.3%	84.9%
SAU800529	CDP101486	54%	77.0%	80.8%
SAU800529	EBC103197	45%	75.6%	59.0%
SAU800529	EFA200191	46%	82.6%	98.3%
SAU800529	EFM200794	50%	76.5%	91.6%
SAU800529	ECO103529	45%	75.6%	59.0%
SAU800529	HIN100586	49%	77.0%	61.4%
SAU800529	HPY101193	57%	76.5%	95.3%
SAU800529	KPN303402	45%	75.6%	59.0%
SAU800529	LPN102556	29%	64.3%	58.3%
SAU800529	LMO102911	49%	94.4%	97.1%
SAU800529	MCA101510	56%	76.1%	60.8%
SAU800529	MAV104132	47%	97.2%	93.0%
SAU800529	MBV101558	55%	87.3%	80.8%
SAU800529	MLP100504	50%	94.4%	87.2%
SAU800529	MTU202301	55%	87.3%	80.8%
SAU800529	NGO101445	46%	76.1%	59.6%
SAU800529	NME200684	46%	76.1%	59.6%
SAU800529	PMU101430	47%	77.0%	62.1%
SAU800529	PRT100957	44%	78.9%	61.5%
SAU800529	PAE203813	50%	93.9%	82.6%
SAU800529	PPU104027	54%	78.9%	64.4%
SAU800529	PSY103766	54%	78.9%	65.1%
SAU800529	SPA102939	45%	77.5%	60.4%
SAU800529	STY100363	45%	77.5%	60.4%
SAU800529	SAU800529	100%	100%	100%
SAU800529	SEP201873	91%	100%	100%
SAU800529	SHA101479	88%	100%	100%
SAU800529	SMU101331	47%	78.4%	81.5%
SAU800529	SPN400517	51%	78.4%	81.5%
SAU800529	SPY201496	46%	91.5%	94.3%
SAU800529	VCH102612	45%	75.6%	59.0%
SAU800529	YPS001567	46%	75.6%	59.0%
SAU800530	ABA100096	41%	75.2%	98.5%
SAU800530	BAN107039	51%	76.5%	99.6%
SAU800530	BAN103770	62%	76.5%	99.6%
SAU800530	BFR10199	38%	76.2%	98.6%
SAU800530	BPT101394	40%	75.8%	98.8%
SAU800530	BBU100598	31%	76.6%	99.8%
SAU800530	BCE112863	42%	75.5%	92.7%
SAU800530	BFU100950	41%	75.7%	98.1%
SAU800530	BMA109903	41%	75.5%	97.8%
SAU800530	CJU100741	35%	76.0%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800530	CPN200914	38%	75.7%	97.3%
SAU800530	CTR200159	38%	76.0%	98.9%
SAU800530	CAC101178	49%	75.8%	98.7%
SAU800530	CBO101748	50%	76.0%	99.4%
SAU800530	CDF102964	50%	97.7%	100%
SAU800530	CDP100610	37%	75.5%	98.1%
SAU800530	EBC103357	43%	76.5%	99.8%
SAU800530	EFA200190	57%	77.1%	99.2%
SAU800530	EFM201665	58%	76.5%	99.6%
SAU800530	ECO100517	43%	76.5%	99.8%
SAU800530	HIN100077	41%	76.5%	99.8%
SAU800530	HPY100872	38%	76.0%	99.1%
SAU800530	KPN303880	49%	19.2%	100%
SAU800530	LPN102830	44%	76.5%	99.3%
SAU800530	LMO101610	59%	76.5%	99.6%
SAU800530	MCA100755	40%	76.3%	97.7%
SAU800530	MAV102725	35%	76.5%	97.9%
SAU800530	MBV100384	35%	75.5%	79.9%
SAU800530	MLP100222	34%	76.2%	96.4%
SAU800530	MTU203528	35%	75.5%	96.4%
SAU800530	MGE100257	34%	69.9%	94.6%
SAU800530	MPN100480	33%	74.2%	98.2%
SAU800530	NGO100962	42%	76.6%	100%
SAU800530	NME200324	42%	76.6%	67.7%
SAU800530	PMU100945	43%	76.5%	99.8%
SAU800530	PRT104466	44%	76.5%	99.6%
SAU800530	PAE201794	44%	76.3%	99.3%
SAU800530	PPU110625	44%	75.2%	97.8%
SAU800530	PSY100232	42%	72.7%	99.8%
SAU800530	SPA100734	43%	75.5%	98.9%
SAU800530	STY101290	44%	76.5%	99.8%
SAU800530	STM100673	44%	76.5%	99.8%
SAU800530	SAU800530	100%	100%	100%
SAU800530	SEP201874	84%	100%	100%
SAU800530	SHA101480	88%	76.6%	100%
SAU800530	SMU101332	51%	98.2%	100%
SAU800530	SPN400519	51%	76.5%	99.8%
SAU800530	SPY201494	50%	76.5%	99.8%
SAU800530	TPA100090	33%	76.3%	99.4%
SAU800530	UUR100122	37%	70.9%	95.9%
SAU800530	VCH101818	43%	76.5%	99.8%
SAU800530	YPS001481	42%	76.5%	99.8%
SAU800532	ABA104918	25%	69.5%	20.8%
SAU800532	BAN106938	37%	94.8%	96.5%
SAU800532	BAN107328	38%	94.8%	96.5%
SAU800532	CAC101411	36%	94.3%	97.1%
SAU800532	CBO102935	40%	95.4%	98.2%
SAU800532	CDF100246	35%	86.2%	98.7%
SAU800532	EFA200188	39%	100%	99.4%
SAU800532	EFM200410	37%	95.4%	94.3%
SAU800532	LMO102454	40%	96.6%	98.2%
SAU800532	SAU800532	100%	100%	100%
SAU800532	SEP201876	84%	100%	99.4%
SAU800532	SHA101483	80%	100%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800532	SPY201490	37%	87.9%	89.0%
SAU800534	ABA105627	26%	86.7%	73.2%
SAU800534	BAN102018	47%	91.7%	93.2%
SAU800534	BPT104544	36%	80%	38.9%
SAU800534	CPN200688	33%	96.7%	79.5%
SAU800534	CTR200587	32%	95%	70.7%
SAU800534	CAC103674	28%	88.3%	69.7%
SAU800534	CBO101188	28%	88.3%	67.9%
SAU800534	CDF103578	36%	86.7%	71.2%
SAU800534	CDP100846	40%	91.7%	50.5%
SAU800534	EFA202706	42%	70%	75%
SAU800534	HIN100695	33%	93.3%	52.8%
SAU800534	LMO100602	46%	96.7%	98.3%
SAU800534	MCA102273	27%	90%	34.4%
SAU800534	MAV102333	32%	91.7%	37.4%
SAU800534	MBV103153	34%	91.7%	34.2%
SAU800534	MLP101156	30%	91.7%	37.7%
SAU800534	MTU200635	34%	91.7%	34.2%
SAU800534	NGO103134	34%	81.7%	53.3%
SAU800534	NME200142	35%	85%	58.7%
SAU800534	PMU101745	33%	93.3%	41.2%
SAU800534	PAE204274	30%	98.3%	50.8%
SAU800534	PPU104465	38%	78.3%	41.0%
SAU800534	PSY108284	34%	76.7%	40.2%
SAU800534	SAU800534	100%	100%	100%
SAU800534	SEP201879	90%	100%	100%
SAU800534	SHA101486	80%	91.7%	75.3%
SAU800534	SMU101770	26%	76.7%	79.3%
SAU800534	SPY201576	28%	70%	72.4%
SAU800534	UUR100587	25%	86.7%	31.3%
SAU800535	ABA101112	39%	95.6%	98.3%
SAU800535	BAN107620	66%	96.2%	98.9%
SAU800535	BFR10520	39%	95.6%	96.7%
SAU800535	BPT100046	46%	96.2%	98.9%
SAU800535	BBU100393	34%	96.7%	99.5%
SAU800535	BCE106900	46%	96.2%	94.6%
SAU800535	BFU104521	48%	96.2%	94.6%
SAU800535	BMA104447	45%	99.5%	97.8%
SAU800535	CJU100438	34%	95.6%	97.2%
SAU800535	CPN200687	40%	95.6%	95.1%
SAU800535	CTR200586	41%	95.6%	95.1%
SAU800535	CAC102306	56%	100%	99.4%
SAU800535	CBO103872	58%	100%	99.4%
SAU800535	CDF104265	45%	98.4%	98.9%
SAU800535	CDP100848	40%	95.1%	72.2%
SAU800535	EBC102887	41%	97.8%	98.3%
SAU800535	EFA200831	58%	98.4%	98.9%
SAU800535	EFM202000	64%	90.7%	99.4%
SAU800535	ECO103880	40%	97.8%	98.3%
SAU800535	HIN100696	41%	100%	99.5%
SAU800535	HPY101186	34%	95.1%	97.7%
SAU800535	KPN300526	43%	49.5%	96.8%
SAU800535	LMO102609	69%	96.2%	98.9%
SAU800535	MCA100998	36%	95.6%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800535	MAV102335	45%	95.1%	74.2%
SAU800535	MBV103155	44%	95.1%	79.8%
SAU800535	MLP101155	44%	95.1%	83.3%
SAU800535	MTU200636	44%	95.1%	79.8%
SAU800535	MGE100054	27%	53.8%	39.6%
SAU800535	MPN100087	26%	53.8%	39.1%
SAU800535	NGO101670	42%	96.7%	98.9%
SAU800535	NME200141	42%	96.7%	98.9%
SAU800535	PMU101744	40%	99.5%	98.9%
SAU800535	PRT103295	40%	95.6%	96.1%
SAU800535	PAE204273	41%	96.7%	99.4%
SAU800535	PPU108806	41%	96.7%	99.4%
SAU800535	PSY103335	41%	96.2%	98.9%
SAU800535	SPA102796	41%	97.8%	98.3%
SAU800535	STY102686	41%	97.8%	98.3%
SAU800535	STM102044	41%	97.8%	98.3%
SAU800535	SAU800535	100%	100%	100%
SAU800535	SEP201880	96%	100%	100%
SAU800535	SHA101487	96%	100%	100%
SAU800535	SMU100495	52%	96.2%	97.2%
SAU800535	SPN401818	50%	96.2%	94.5%
SAU800535	SPY200119	52%	96.2%	96.6%
SAU800535	TPA100233	43%	96.7%	99.5%
SAU800535	UUR100588	25%	94.5%	86.4%
SAU800535	VCH100318	41%	98.4%	98.4%
SAU800535	YPS000502	40%	97.8%	98.3%
SAU800536	SAU800536	100%	100%	100%
SAU800537	ABA106058	66%	100%	99.3%
SAU800537	BAN106044	80%	80.7%	99.1%
SAU800537	BFR10521	60%	100%	95.2%
SAU800537	BPT100048	62%	100%	98.6%
SAU800537	BBU100392	53%	98.6%	97.2%
SAU800537	BCE100591	62%	100%	98.6%
SAU800537	BFU104508	63%	100%	92.8%
SAU800537	BMA106139	63%	100%	98.6%
SAU800537	CJU100439	62%	99.3%	98.6%
SAU800537	CPN200686	62%	98.6%	97.9%
SAU800537	CTR200585	58%	98.6%	97.9%
SAU800537	CAC101038	71%	99.3%	98.6%
SAU800537	CBO102195	77%	100%	99.3%
SAU800537	CDF104047	74%	100%	99.3%
SAU800537	CDP100850	67%	98.6%	97.2%
SAU800537	EBC102886	67%	100%	99.3%
SAU800537	EFA200839	85%	100%	100%
SAU800537	ECO103881	67%	100%	99.3%
SAU800537	HIN100496	68%	100%	99.3%
SAU800537	HPY101185	64%	99.3%	98.6%
SAU800537	KPN300527	67%	100%	99.3%
SAU800537	LMO100036	82%	100%	99.3%
SAU800537	MCA100999	65%	100%	98.6%
SAU800537	MAV102318	69%	98.6%	97.2%
SAU800537	MBV103157	71%	98.6%	97.2%
SAU800537	MLP101154	68%	98.6%	97.2%
SAU800537	MTU200637	71%	98.6%	97.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800537	MGE100083	44%	99.3%	98.5%
SAU800537	MPN100612	45%	99.3%	98.5%
SAU800537	NGO101667	62%	100%	97.9%
SAU800537	NME200140	62%	100%	97.9%
SAU800537	PMU101743	68%	100%	99.3%
SAU800537	PAE204272	65%	100%	98.6%
SAU800537	PPU104469	65%	100%	98.6%
SAU800537	PSY106552	63%	100%	95.9%
SAU800537	SPA107834	71%	62.9%	90.7%
SAU800537	STY102683	67%	100%	99.3%
SAU800537	STM102055	67%	100%	99.3%
SAU800537	SAU800537	100%	100%	100%
SAU800537	SEP201881	95%	100%	100%
SAU800537	SHA101488	95%	99.3%	98.6%
SAU800537	SMU101147	79%	99.3%	98.6%
SAU800537	SPN400555	82%	99.3%	98.6%
SAU800537	SPY200329	82%	99.3%	98.6%
SAU800537	TPA100234	56%	98.6%	95.2%
SAU800537	UUR100547	47%	98.6%	89.3%
SAU800537	VCH100319	67%	100%	99.3%
SAU800537	YPS000498	68%	100%	99.3%
SAU800538	ABA104945	47%	97.8%	97.4%
SAU800538	BAN101496	66%	40%	97.9%
SAU800538	BAN103921	57%	99.1%	99.6%
SAU800538	BFR10522	53%	99.1%	98.3%
SAU800538	BPT100050	54%	99.1%	98.3%
SAU800538	BBU100391	46%	97.8%	98.2%
SAU800538	BCE101116	52%	99.1%	98.3%
SAU800538	BFU100848	53%	99.1%	98.3%
SAU800538	BMA108405	51%	99.1%	98.3%
SAU800538	CJU100440	51%	98.3%	97.0%
SAU800538	CPN200685	53%	98.3%	97.4%
SAU800538	CTR200584	53%	98.3%	97.4%
SAU800538	CAC102626	65%	96.1%	96.9%
SAU800538	CBO103496	64%	96.1%	96.9%
SAU800538	CDF100546	63%	98.7%	98.3%
SAU800538	CDP100852	56%	97.8%	95.7%
SAU800538	EBC102885	53%	98.7%	97.0%
SAU800538	EFA200840	73%	99.6%	100%
SAU800538	ECO103882	52%	98.7%	97.0%
SAU800538	HIN100495	50%	99.1%	99.6%
SAU800538	HPY101184	53%	97.8%	96.6%
SAU800538	KPN300590	54%	49.6%	91.1%
SAU800538	LMO100406	74%	99.1%	99.6%
SAU800538	MCA101000	48%	97.8%	96.6%
SAU800538	MAV102320	54%	97.8%	95.7%
SAU800538	MBV103159	54%	97.8%	99.1%
SAU800538	MLP101153	56%	97.8%	95.7%
SAU800538	MTU200638	54%	97.8%	95.7%
SAU800538	MGE100084	43%	97.4%	98.2%
SAU800538	MPN100611	45%	97.4%	98.2%
SAU800538	NGO101665	53%	99.1%	98.7%
SAU800538	NME200139	53%	99.1%	98.7%
SAU800538	PMU101742	51%	99.1%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800538	PAE204271	52%	100%	99.6%
SAU800538	PPU104471	48%	99.1%	98.7%
SAU800538	PSY103536	47%	100%	99.6%
SAU800538	SPA102795	52%	98.7%	97.0%
SAU800538	STY102680	53%	98.7%	97.0%
SAU800538	STM102056	53%	98.7%	97.0%
SAU800538	SAU800538	100%	100%	100%
SAU800538	SEP201882	93%	100%	99.6%
SAU800538	SHA101489	94%	100%	99.6%
SAU800538	SMU101145	65%	99.6%	100%
SAU800538	SPN400556	64%	99.1%	99.6%
SAU800538	SPY200330	66%	99.1%	99.6%
SAU800538	TPA100235	46%	95.7%	96.0%
SAU800538	UUR100546	47%	97.4%	97.8%
SAU800538	VCH100320	52%	97.8%	96.6%
SAU800538	YPS000494	52%	97.8%	96.2%
SAU800539	ABA104908	36%	99.4%	99.4%
SAU800539	BAN101384	64%	98.2%	98.2%
SAU800539	BAN106254	65%	98.2%	98.2%
SAU800539	BFR101778	25%	92.2%	90.6%
SAU800539	BPT104548	41%	94.6%	89.7%
SAU800539	BBU100390	32%	97.0%	95.8%
SAU800539	BCE110567	41%	96.4%	96.4%
SAU800539	BFU104512	42%	94.6%	77.6%
SAU800539	BMA104533	41%	96.4%	86.4%
SAU800539	CJU100441	31%	93.4%	95.6%
SAU800539	CPN200684	27%	85.5%	84.1%
SAU800539	CTR200583	28%	85.5%	83.1%
SAU800539	CAC103420	44%	94.6%	93.5%
SAU800539	CBO103649	43%	94.6%	94.6%
SAU800539	CDF100545	47%	100%	94.9%
SAU800539	CDP100855	39%	83.7%	87.1%
SAU800539	EFA200841	60%	98.2%	98.2%
SAU800539	EFM100720	57%	98.2%	97.6%
SAU800539	ECO103883	34%	97.6%	98.8%
SAU800539	HIN100621	33%	99.4%	100%
SAU800539	HPY101183	31%	94.6%	94.5%
SAU800539	KPN304658	33%	97.6%	98.8%
SAU800539	LMO101102	62%	97.6%	97.6%
SAU800539	MCA101001	33%	99.4%	99.4%
SAU800539	MAV102938	41%	92.8%	83.7%
SAU800539	MBV100919	41%	92.8%	92.1%
SAU800539	MLP101148	40%	92.8%	92.7%
SAU800539	MTU200648	41%	92.8%	92.1%
SAU800539	MGE100371	32%	92.8%	95.7%
SAU800539	MPN100304	34%	94.6%	100%
SAU800539	NGO101663	42%	97.0%	96.4%
SAU800539	NME200138	42%	97.0%	96.4%
SAU800539	PMU101739	33%	99.4%	100%
SAU800539	PRT103043	36%	97.6%	98.8%
SAU800539	PAE204270	40%	99.4%	99.4%
SAU800539	PPU104473	38%	97.0%	82.6%
SAU800539	PSY103338	36%	99.4%	99.4%
SAU800539	SPA102794	33%	97.6%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800539	STY102677	33%	97.6%	98.8%
SAU800539	STM102057	33%	97.6%	98.8%
SAU800539	SAU800539	100%	100%	100%
SAU800539	SEP201883	90%	100%	100%
SAU800539	SHA101633	89%	100%	100%
SAU800539	SMU100974	60%	98.2%	97.6%
SAU800539	SPN401211	55%	98.2%	98.2%
SAU800539	SPY200814	55%	96.4%	96.4%
SAU800539	TPA100236	35%	96.4%	88.9%
SAU800539	UUR100008	38%	94.0%	94.0%
SAU800539	VCH100321	39%	97.6%	98.8%
SAU800539	YPS000491	34%	97.6%	98.8%
SAU800540	ABA105381	61%	67.2%	95.3%
SAU800540	BAN106592	72%	96.7%	97.5%
SAU800540	BAN112078	79%	96.7%	97.5%
SAU800540	BFR106071	58%	100%	100%
SAU800540	BPT104549	63%	95.9%	95.3%
SAU800540	BBU100389	53%	98.4%	97.6%
SAU800540	BCE104254	64%	96.7%	96.0%
SAU800540	BFU104514	64%	96.7%	96.0%
SAU800540	BMA108492	65%	96.7%	96.0%
SAU800540	CJU100442	58%	96.7%	96%
SAU800540	CPN200683	44%	96.7%	93.8%
SAU800540	CTR200582	49%	96.7%	93.8%
SAU800540	CAC103770	72%	96.7%	97.6%
SAU800540	CBO100998	73%	96.7%	97.6%
SAU800540	CDF100554	67%	96.7%	95.2%
SAU800540	CDP100862	61%	96.7%	95.2%
SAU800540	EBC100455	60%	96.7%	95.9%
SAU800540	EFA200842	64%	98.4%	97.5%
SAU800540	EFM100721	70%	98.4%	97.5%
SAU800540	ECO103884	58%	96.7%	95.9%
SAU800540	HIN100622	63%	97.5%	96.7%
SAU800540	HPY101182	55%	96.7%	96%
SAU800540	KPN205542	58%	96.7%	95.9%
SAU800540	LMO102795	72%	98.4%	97.5%
SAU800540	MCA101002	60%	97.5%	96.8%
SAU800540	MAV102937	57%	96.7%	95.4%
SAU800540	MBV100917	55%	96.7%	95.4%
SAU800540	MLP101147	52%	96.7%	95.4%
SAU800540	MTU200649	55%	96.7%	95.4%
SAU800540	MGE100372	47%	96.7%	95.1%
SAU800540	MPN100303	45%	95.9%	94.3%
SAU800540	NGO101640	63%	96.7%	95.9%
SAU800540	NME200137	63%	96.7%	95.9%
SAU800540	PMU101738	62%	97.5%	96.7%
SAU800540	PRT100056	55%	96.7%	95.9%
SAU800540	PAE204269	57%	97.5%	96.7%
SAU800540	PPU104475	59%	97.5%	96.7%
SAU800540	PSY108092	58%	51.6%	98.4%
SAU800540	SPA107849	59%	96.7%	95.9%
SAU800540	STY102674	59%	96.7%	95.9%
SAU800540	STM107215	59%	96.7%	95.9%
SAU800540	SAU800540	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800540	SEP201884	95%	100%	100%
SAU800540	SHA101634	94%	100%	100%
SAU800540	SMU100975	67%	98.4%	97.5%
SAU800540	SPN401210	69%	98.4%	93.7%
SAU800540	SPY200815	69%	98.4%	97.5%
SAU800540	TPA100237	53%	97.5%	96.1%
SAU800540	UUR100009	54%	95.9%	94.2%
SAU800540	VCH100322	60%	97.5%	96.7%
SAU800540	YPS005201	55%	96.7%	95.1%
SAU800541	ABA105495	27%	87.6%	51.9%
SAU800541	BAN109779	34%	98.5%	98.5%
SAU800541	BAN106573	47%	98.5%	98.0%
SAU800541	CAC102355	23%	60.9%	63.6%
SAU800541	CDP100325	25%	55.9%	21.5%
SAU800541	EBC100359	32%	90.1%	78.8%
SAU800541	EFA202368	47%	99.0%	97.5%
SAU800541	EFM103156	61%	23.3%	97.9%
SAU800541	ECO104257	31%	82.7%	47.2%
SAU800541	HIN100011	36%	64.9%	39.1%
SAU800541	KPN302168	31%	76.2%	46.3%
SAU800541	LMO100106	48%	99.0%	98.0%
SAU800541	MCA101670	29%	83.2%	77.0%
SAU800541	MAV100438	32%	38.1%	32.8%
SAU800541	PMU100958	35%	64.9%	39.3%
SAU800541	PRT100948	27%	83.2%	48.4%
SAU800541	PAE202177	33%	59.9%	42.4%
SAU800541	PPU108553	28%	90.1%	48.4%
SAU800541	PSY109074	27%	90.6%	48.7%
SAU800541	SPA102412	24%	95.5%	50.1%
SAU800541	STY104541	31%	82.7%	47.4%
SAU800541	SAU800541	100%	100%	100%
SAU800541	SEP201885	71%	99.5%	99.5%
SAU800541	SHA101635	73%	99.5%	99.5%
SAU800541	SMU100923	46%	98.0%	96.5%
SAU800541	SPN400743	45%	98.0%	97.4%
SAU800541	SPY200944	45%	98.0%	97.0%
SAU800541	VCH100611	27%	87.6%	50.3%
SAU800541	YPS001891	28%	82.7%	42.3%
SAU800542	ABA104003	60%	8.5%	1.8%
SAU800542	BAN107104	46%	84.2%	84.9%
SAU800542	BAN105134	79%	99.9%	99.8%
SAU800542	BFR12467	42%	93.2%	98.5%
SAU800542	BPT100051	47%	95.8%	98.5%
SAU800542	BBU100388	48%	96.5%	98.7%
SAU800542	BCE104307	45%	95.8%	99.1%
SAU800542	BFU100849	45%	82.4%	96.9%
SAU800542	BMA104886	46%	95.8%	99.1%
SAU800542	CJU100443	41%	96.4%	99.3%
SAU800542	CPN200682	47%	28.5%	77.9%
SAU800542	CTR200581	47%	95.8%	99.3%
SAU800542	CAC102610	64%	98.7%	95.2%
SAU800542	CBO100154	64%	99.3%	96.5%
SAU800542	CDF100552	66%	97.4%	94.3%
SAU800542	CDP100874	62%	8.0%	0.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800542	EBC101233	48%	74.4%	93.7%
SAU800542	EFA200805	73%	99.7%	98.1%
SAU800542	EFM202205	73%	100%	98.0%
SAU800542	ECO103885	53%	0.8%	6.9%
SAU800542	HIN100494	60%	1.1%	6.1%
SAU800542	KPN302483	48%	91.2%	100%
SAU800542	LPN101720	62%	5.7%	95.7%
SAU800542	LMO101542	79%	99.2%	98.4%
SAU800542	MCA101003	47%	96.3%	99.5%
SAU800542	MAV102933	61%	8.0%	1.0%
SAU800542	MBV100910	60%	6.1%	0.6%
SAU800542	MLP101145	61%	8.0%	1.0%
SAU800542	MTU200664	60%	6.1%	0.6%
SAU800542	MGE100350	44%	4.1%	0.3%
SAU800542	MPN100326	45%	4.1%	0.3%
SAU800542	NME200136	51%	11.7%	0.9%
SAU800542	PMU101737	53%	0.2%	7.6%
SAU800542	PAE204268	47%	96.2%	99.5%
SAU800542	PPU104497	45%	96.2%	99.5%
SAU800542	PSY103339	46%	96.2%	99.5%
SAU800542	SPA102792	59%	8.5%	2.5%
SAU800542	STY102671	47%	96.2%	99.5%
SAU800542	STM102058	47%	96.2%	99.5%
SAU800542	SAU800542	100%	100%	100%
SAU800542	SEP201886	97%	100%	100%
SAU800542	SHA101636	90%	95.8%	100%
SAU800542	SMU100556	69%	98.3%	97.9%
SAU800542	SPN401775	68%	98.3%	95.6%
SAU800542	SPY200071	67%	100%	99.8%
SAU800542	TPA100238	48%	96.4%	97.9%
SAU800542	UUR100187	47%	2.9%	9.8%
SAU800542	VCH100323	47%	96.2%	97.0%
SAU800542	YPS000489	53%	0.8%	6.9%
SAU800543	ABA100041	37%	11.4%	74.4%
SAU800543	ABA104621	52%	97.3%	95.8%
SAU800543	BAN107772	44%	99.5%	99.6%
SAU800543	BAN101907	76%	100%	99.9%
SAU800543	BFR102987	53%	98.0%	97.5%
SAU800543	BPT101163	54%	99.3%	96.8%
SAU800543	BBU100387	55%	98.4%	99.3%
SAU800543	BCE108518	60%	47.9%	97.2%
SAU800543	BFU100842	52%	81.6%	62.0%
SAU800543	BMA101246	50%	97.3%	95.8%
SAU800543	CJU100444	47%	98.3%	98.8%
SAU800543	CPN200681	50%	97.9%	96.9%
SAU800543	CTR200580	54%	97.9%	97.1%
SAU800543	CAC100576	63%	98.5%	98.2%
SAU800543	CBO100117	64%	99.3%	99.3%
SAU800543	CDF100550	63%	98.7%	99.7%
SAU800543	CDP100877	50%	7.0%	0.4%
SAU800543	EBC103916	54%	99.4%	97.3%
SAU800543	EFA200807	72%	99.8%	98.8%
SAU800543	EFM200070	70%	97.6%	100%
SAU800543	ECO103886	52%	97.8%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800543	HIN100493	54%	99.3%	96.9%
SAU800543	HPY101181	53%	97.4%	51.2%
SAU800543	KPN300484	37%	12.2%	90.6%
SAU800543	KPN302484	52%	97.8%	96.1%
SAU800543	LPN100508	64%	44.2%	98.3%
SAU800543	LMO101517	76%	99.6%	99.7%
SAU800543	MCA101004	50%	97.6%	94.9%
SAU800543	MAV102932	52%	7.0%	0.5%
SAU800543	MBV100906	52%	7.0%	0.5%
SAU800543	MLP101144	52%	7.0%	0.5%
SAU800543	MTU200665	52%	7.0%	0.5%
SAU800543	MGE100349	44%	98.8%	98.7%
SAU800543	MPN100327	45%	98.1%	98.2%
SAU800543	NGO101637	54%	78.1%	38.1%
SAU800543	NME200135	51%	99.5%	98.6%
SAU800543	PMU101736	53%	97.3%	95.0%
SAU800543	PRT104687	54%	78.1%	41.2%
SAU800543	PAE204267	49%	99.8%	98.6%
SAU800543	PPU104498	48%	99.5%	97.5%
SAU800543	PSY103340	48%	99.5%	98.2%
SAU800543	SPA101954	44%	65.5%	100%
SAU800543	STY102668	52%	97.8%	96.1%
SAU800543	STM102060	52%	97.8%	96.1%
SAU800543	SAU800543	100%	100%	100%
SAU800543	SEP201887	95%	100%	100%
SAU800543	SHA100756	90%	6.8%	74.5%
SAU800543	SHA101637	95%	100%	100%
SAU800543	SMU100552	68%	98.4%	98.2%
SAU800543	SPN401774	68%	100%	98.8%
SAU800543	SPY200072	67%	99.9%	99.2%
SAU800543	TPA100239	54%	98.4%	97.0%
SAU800543	UUR100188	44%	97.6%	98.5%
SAU800543	VCH100324	51%	97.8%	96.4%
SAU800543	YPS000478	52%	99.5%	97.6%
SAU800545	ABA100053	58%	99.3%	100%
SAU800545	BAN100648	83%	100%	97.9%
SAU800545	BFR10866	77%	54.7%	88.2%
SAU800545	BPT100844	67%	99.3%	98.4%
SAU800545	BBU100386	71%	99.3%	99.2%
SAU800545	BCE108786	66%	99.3%	97.6%
SAU800545	BFU100844	65%	99.3%	97.6%
SAU800545	BMA100034	66%	99.3%	97.6%
SAU800545	CJU100456	65%	99.3%	96.1%
SAU800545	CPN200197	63%	99.3%	100%
SAU800545	CTR200713	66%	99.3%	100%
SAU800545	CAC103453	66%	99.3%	98.4%
SAU800545	CBO102727	67%	99.3%	98.4%
SAU800545	CDF102422	75%	99.3%	95.1%
SAU800545	CDP100904	66%	99.3%	90.4%
SAU800545	EBC102897	65%	99.3%	99.2%
SAU800545	EFA202015	85%	99.3%	99.3%
SAU800545	ECO103265	65%	99.3%	99.2%
SAU800545	HIN100561	66%	99.3%	99.2%
SAU800545	HPY101180	65%	99.3%	91.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800545	KPN200561	66%	99.3%	99.2%
SAU800545	LMO101449	87%	99.3%	99.3%
SAU800545	MCA100230	61%	99.3%	99.2%
SAU800545	MAV102944	64%	100%	100%
SAU800545	MBV103315	64%	99.3%	99.2%
SAU800545	MLP101142	63%	100%	100%
SAU800545	MTU200679	64%	99.3%	99.2%
SAU800545	MGE100089	74%	99.3%	97.8%
SAU800545	MPN100606	72%	99.3%	97.8%
SAU800545	NGO101631	63%	99.3%	100%
SAU800545	NME200131	63%	99.3%	100%
SAU800545	PMU101354	65%	100%	100%
SAU800545	PRT103411	59%	87.6%	100%
SAU800545	PAE204266	67%	99.3%	100%
SAU800545	PPU112031	68%	99.3%	100%
SAU800545	PSY103389	69%	99.3%	100%
SAU800545	SPA102395	65%	99.3%	99.2%
SAU800545	STY101779	65%	99.3%	99.2%
SAU800545	SAU800545	100%	100%	100%
SAU800545	SEP201889	94%	100%	100%
SAU800545	SHA101640	97%	100%	100%
SAU800545	SMU100684	83%	99.3%	99.3%
SAU800545	SPN400248	82%	99.3%	99.3%
SAU800545	SPY200200	82%	99.3%	99.3%
SAU800545	TPA100240	64%	99.3%	99.2%
SAU800545	UUR100531	73%	99.3%	96.5%
SAU800545	VCH100354	64%	100%	100%
SAU800545	YPS001825	66%	99.3%	99.2%
SAU800546	ABA100054	53%	100%	100%
SAU800546	BAN101047	67%	100%	100%
SAU800546	BAN102922	81%	100%	100%
SAU800546	BFR102620	47%	98.7%	89.2%
SAU800546	BPT100845	60%	100%	90.2%
SAU800546	BBU100385	49%	100%	100%
SAU800546	BCE114655	55%	100%	100%
SAU800546	BFU100845	56%	100%	100%
SAU800546	BMA108128	55%	100%	100%
SAU800546	CJU100457	56%	98.7%	99.4%
SAU800546	CPN200198	50%	100%	100%
SAU800546	CTR200712	49%	100%	100%
SAU800546	CAC101300	68%	100%	100%
SAU800546	CBO100058	72%	100%	90.7%
SAU800546	CDF100549	73%	100%	100%
SAU800546	CDP100907	60%	98.7%	99.4%
SAU800546	EBC102895	60%	100%	100%
SAU800546	EFA202013	78%	100%	100%
SAU800546	ECO103264	60%	100%	87.2%
SAU800546	HIN100560	60%	100%	100%
SAU800546	HPY101179	55%	98.7%	99.4%
SAU800546	KPN300871	62%	92.9%	86.8%
SAU800546	LMO101111	78%	100%	100%
SAU800546	MCA100231	50%	100%	100%
SAU800546	MAV102943	59%	100%	100%
SAU800546	MBV103316	60%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800546	MLP101141	60%	100%	100%
SAU800546	MTU200680	60%	100%	100%
SAU800546	MGE100090	62%	98.7%	99.4%
SAU800546	MPN100605	62%	98.7%	99.4%
SAU800546	NGO101627	58%	100%	100%
SAU800546	NME200130	58%	100%	100%
SAU800546	PMU101355	61%	100%	100%
SAU800546	PRT100252	58%	100%	100%
SAU800546	PAE204265	57%	100%	100%
SAU800546	PPU112217	57%	100%	100%
SAU800546	PSY106485	71%	24.4%	92.7%
SAU800546	SPA102393	54%	66.0%	91.2%
SAU800546	STY101780	60%	100%	100%
SAU800546	SAU800546	100%	100%	100%
SAU800546	SEP200070	100%	100%	100%
SAU800546	SHA102003	95%	25.6%	100%
SAU800546	SMU100686	75%	100%	100%
SAU800546	SPN400249	77%	100%	100%
SAU800546	SPY200201	75%	100%	100%
SAU800546	TPA100241	51%	100%	100%
SAU800546	UUR100530	68%	98.7%	99.4%
SAU800546	VCH100355	61%	100%	100%
SAU800546	YPS001851	60%	100%	100%
SAU800547	ABA100059	58%	88.0%	100%
SAU800547	BAN103750	78%	10.1%	95.9%
SAU800547	BAN113143	70%	76.8%	98.5%
SAU800547	BAN108186	79%	100%	99.0%
SAU800547	BFR12249	55%	63.2%	98.9%
SAU800547	BPT100846	60%	99.1%	99.3%
SAU800547	BBU100539	47%	98.3%	98.4%
SAU800547	BCE105443	59%	99.1%	99.3%
SAU800547	BFU100846	59%	99.1%	99.3%
SAU800547	BMA109643	59%	99.1%	99.3%
SAU800547	CJU100458	60%	99.9%	100%
SAU800547	CPN200199	57%	99.1%	99.6%
SAU800547	CTR200711	58%	99.1%	99.6%
SAU800547	CAC102763	63%	99.7%	100%
SAU800547	CBO100608	64%	99.4%	98%
SAU800547	CDF100548	65%	99.0%	99.4%
SAU800547	CDP100910	59%	99.0%	96.1%
SAU800547	EBC102893	59%	99.3%	99.4%
SAU800547	EFA202007	75%	99.9%	99.7%
SAU800547	ECO103263	59%	99.3%	99.4%
SAU800547	HIN100559	59%	99.7%	99.9%
SAU800547	HPY101178	62%	99.9%	100%
SAU800547	KPN303651	59%	99.1%	99.1%
SAU800547	LMO102926	78%	99.9%	99.3%
SAU800547	MCA100232	58%	99.4%	98.9%
SAU800547	MAV102942	60%	99.1%	98.7%
SAU800547	MBV103317	60%	99.1%	98.7%
SAU800547	MLP101140	60%	99.1%	98.7%
SAU800547	MTU200681	61%	99.1%	98.7%
SAU800547	MGE100091	61%	99.7%	100%
SAU800547	MPN100604	62%	99.7%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800547	NGO101623	57%	99.9%	100%
SAU800547	NME200129	57%	99.9%	100%
SAU800547	PMU101356	59%	99.7%	99.9%
SAU800547	PRT100253	58%	99.7%	94.2%
SAU800547	PAE202069	59%	99.4%	99.6%
SAU800547	PPU109182	58%	100%	100%
SAU800547	PSY103391	56%	93.8%	99.7%
SAU800547	SPA102789	57%	99.3%	99.4%
SAU800547	STY101781	59%	99.3%	99.4%
SAU800547	SAU800547	100%	100%	100%
SAU800547	SEP200071	95%	100%	100%
SAU800547	SMU100688	76%	100%	99.9%
SAU800547	SPN400250	76%	100%	99.9%
SAU800547	SPY200202	76%	100%	100%
SAU800547	TPA100759	44%	98.0%	97.4%
SAU800547	UUR100529	63%	99.1%	99.1%
SAU800547	VCH100356	60%	99.6%	99.9%
SAU800547	YPS001853	60%	99.3%	99.4%
SAU800548	ABA100233	74%	33.5%	98.5%
SAU800548	ABA100062	74%	99.5%	99.5%
SAU800548	BAN106076	81%	100%	100%
SAU800548	BFR12122	73%	99.7%	99.7%
SAU800548	BPT100044	75%	100%	100%
SAU800548	BPT100847	75%	100%	100%
SAU800548	BBU100475	62%	100%	98.3%
SAU800548	BCE112288	70%	15.7%	100%
SAU800548	BCE106056	75%	52.0%	99.0%
SAU800548	BCE108906	75%	100%	100%
SAU800548	BFU100267	70%	37.6%	100%
SAU800548	BFU100847	74%	100%	100%
SAU800548	BMA107343	76%	95.9%	100%
SAU800548	BMA106305	76%	100%	100%
SAU800548	CJU100435	73%	100%	100%
SAU800548	CPN200689	68%	99.5%	99.5%
SAU800548	CTR200588	67%	99.7%	98.5%
SAU800548	CAC103049	73%	100%	100%
SAU800548	CBO100671	69%	10.9%	95.6%
SAU800548	CBO101209	76%	59.1%	100%
SAU800548	CBO101304	73%	99.5%	99.5%
SAU800548	CDF100547	72%	100%	96.1%
SAU800548	CDP100912	71%	100%	100%
SAU800548	EBC101615	72%	33.8%	99.3%
SAU800548	EBC100362	79%	47.7%	100%
SAU800548	EBC102891	75%	99.7%	99.7%
SAU800548	EFA202006	89%	100%	100%
SAU800548	EFM100161	76%	71.3%	100%
SAU800548	ECO103262	75%	99.7%	99.7%
SAU800548	ECO103878	75%	99.7%	99.7%
SAU800548	HIN100558	76%	100%	100%
SAU800548	HIN100613	76%	100%	100%
SAU800548	HPY101188	74%	100%	100%
SAU800548	KPN300520	77%	23.6%	100%
SAU800548	KPN300653	75%	79.9%	99.7%
SAU800548	KPN300869	75%	99.7%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800548	LMO102516	84%	100%	100%
SAU800548	MCA100162	75%	99.5%	99.5%
SAU800548	MAV102941	72%	100%	100%
SAU800548	MBV103318	72%	100%	100%
SAU800548	MLP101139	71%	100%	100%
SAU800548	MTU200682	72%	100%	100%
SAU800548	MGE100460	70%	100%	100%
SAU800548	MPN100177	70%	100%	100%
SAU800548	NGO101620	77%	99.7%	99.7%
SAU800548	NGO101673	77%	99.7%	99.7%
SAU800548	NME200143	78%	99.7%	99.7%
SAU800548	NME200128	78%	99.7%	99.7%
SAU800548	PMU101746	74%	100%	100%
SAU800548	PMU101357	75%	100%	100%
SAU800548	PRT100737	76%	24.6%	100%
SAU800548	PRT100321	75%	99.7%	99.7%
SAU800548	PAE204275	73%	100%	100%
SAU800548	PAE204263	73%	100%	100%
SAU800548	PPU104463	71%	76.9%	100%
SAU800548	PPU104501	71%	100%	100%
SAU800548	PSY107231	71%	99.7%	99.7%
SAU800548	SPA104331	69%	39.3%	99.4%
SAU800548	SPA102798	74%	99.7%	99.7%
SAU800548	STY102689	74%	99.7%	99.7%
SAU800548	STY101782	74%	99.7%	99.7%
SAU800548	STM102043	74%	99.7%	99.7%
SAU800548	SAU800548	100%	100%	100%
SAU800548	SEP200072	96%	100%	100%
SAU800548	SHA101389	97%	100%	100%
SAU800548	SMU101538	74%	99.5%	99.5%
SAU800548	SPN401342	74%	99.5%	99.5%
SAU800548	SPY200441	74%	99.5%	99.5%
SAU800548	TPA100185	65%	99.7%	79.6%
SAU800548	UUR100528	71%	98.7%	98.7%
SAU800548	VCH100316	76%	99.7%	99.7%
SAU800548	VCH100357	76%	99.7%	99.7%
SAU800548	YPS001855	75%	99.7%	99.7%
SAU800548	YPS000510	77%	100%	100%
SAU800550	ABA100563	32%	92.4%	92.5%
SAU800550	BAN108626	73%	98.7%	100%
SAU800550	BAN106368	77%	99.2%	96.0%
SAU800550	BFR10641	41%	99.2%	95.9%
SAU800550	BPT103090	35%	91.1%	88.4%
SAU800550	BCE109390	26%	26.4%	82.4%
SAU800550	BCE113483	40%	100%	97.0%
SAU800550	BFU101208	40%	100%	97.0%
SAU800550	BMA100519	39%	100%	97.0%
SAU800550	CJU100275	27%	84.3%	85.5%
SAU800550	CPN200794	29%	90.1%	90.3%
SAU800550	CDP100242	31%	96.9%	93.7%
SAU800550	EBC102199	41%	99.0%	95.7%
SAU800550	EFM202467	69%	100%	96.7%
SAU800550	ECO103539	41%	99.0%	95.7%
SAU800550	HIN101522	32%	89.8%	90.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800550	KPN303387	40%	99.0%	95.7%
SAU800550	LPN100930	26%	90.1%	82.0%
SAU800550	MCA100378	30%	87.2%	85%
SAU800550	MAV103993	32%	84.3%	82.9%
SAU800550	MBV102883	33%	98.4%	48.6%
SAU800550	MLP100753	34%	84.3%	82.1%
SAU800550	MTU200032	33%	98.4%	48.6%
SAU800550	NGO101594	33%	74.7%	96.9%
SAU800550	NME201859	32%	86.9%	87.9%
SAU800550	PMU101901	32%	93.5%	93.0%
SAU800550	PRT102489	42%	99.0%	95.5%
SAU800550	PAE200500	35%	95.0%	90.0%
SAU800550	PPU107457	37%	92.7%	90.3%
SAU800550	PSY103313	36%	87.7%	95.4%
SAU800550	SPA104075	40%	96.3%	94.1%
SAU800550	STY100333	41%	99.0%	95.7%
SAU800550	STM102073	34%	91.9%	90.6%
SAU800550	SAU800550	100%	100%	100%
SAU800550	SHA101391	93%	100%	96.2%
SAU800550	VCH103606	42%	99.2%	96.2%
SAU800550	YPS001508	43%	99.0%	94.5%
SAU800551	ABA101220	58%	96.6%	97.3%
SAU800551	BAN102049	22%	77.1%	98.6%
SAU800551	BAN102184	22%	77.1%	98.6%
SAU800551	BFR104991	23%	75.7%	97.4%
SAU800551	BPT100429	24%	80.8%	99.5%
SAU800551	BCE101252	61%	99.0%	99.3%
SAU800551	BMA103820	26%	71.6%	89.8%
SAU800551	EFA202431	24%	38.7%	48.7%
SAU800551	EFM202602	25%	68.2%	85.3%
SAU800551	ECO101931	56%	96.6%	97.9%
SAU800551	MCA102445	25%	72.3%	92.3%
SAU800551	MAV102283	22%	70.2%	87.7%
SAU800551	PAE201134	60%	96.6%	97.3%
SAU800551	PPU111301	22%	71.6%	90.2%
SAU800551	PSY102809	24%	77.4%	96.4%
SAU800551	SAU800551	100%	100%	100%
SAU800551	SEP202065	26%	68.8%	84.3%
SAU800551	SHA102397	23%	51.4%	60.1%
SAU800555	BAN109841	26%	96.9%	91.5%
SAU800555	CBO100592	24%	91.6%	88.5%
SAU800555	EFA200270	24%	93.0%	87.2%
SAU800555	MLP101061	24%	58.1%	37.0%
SAU800555	MTU202199	23%	48.9%	94.1%
SAU800555	NME200581	32%	44.9%	62.9%
SAU800555	STM103706	29%	58.1%	84.0%
SAU800555	SAU800555	100%	100%	100%
SAU800555	SEP200091	67%	99.6%	97.8%
SAU800555	SHA101303	61%	99.6%	97.0%
SAU800555	YPS002018	30%	58.1%	84.0%
SAU800561	BAN100965	21%	30.7%	16.5%
SAU800561	BAN111001	20%	63.5%	67.3%
SAU800561	BAN109365	19%	19.1%	37.5%
SAU800561	BFR100579	18%	10.0%	13.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800561	BFR102947	19%	10.0%	16.5%
SAU800561	BFR101444	18%	11.3%	19.3%
SAU800561	BBU100325	21%	21.7%	19.2%
SAU800561	BFU103969	74%	2.8%	39.8%
SAU800561	BMA103470	49%	10.6%	32.7%
SAU800561	BMA101165	47%	7.9%	15.2%
SAU800561	BMA104606	30%	16.6%	64.3%
SAU800561	CJU101103	20%	23.8%	25.8%
SAU800561	CPN200033	15%	12.6%	19.6%
SAU800561	CAC102616	26%	18.0%	82.7%
SAU800561	CBO103272	17%	24.9%	65.8%
SAU800561	CBO103679	27%	10.8%	20.8%
SAU800561	CDF101661	25%	20.5%	89.2%
SAU800561	CDP102558	31%	7.7%	6.4%
SAU800561	CDP101308	33%	24.7%	25.7%
SAU800561	CDP101991	34%	24.0%	14.7%
SAU800561	EFA203524	21%	53.9%	78.5%
SAU800561	EFM201664	22%	22.1%	74.6%
SAU800561	EFM201584	17%	12.1%	47.6%
SAU800561	HPY200074	16%	21.7%	26.6%
SAU800561	KPN206267	43%	54.6%	44.6%
SAU800561	LPN101461	33%	52.0%	60.9%
SAU800561	LMO102167	44%	23.0%	44.5%
SAU800561	MCA100440	42%	8.7%	6.0%
SAU800561	MAV104123	28%	5.7%	57.1%
SAU800561	MBV101055	34%	7.3%	7.9%
SAU800561	MLP100905	33%	4.1%	9.0%
SAU800561	MTU202408	34%	7.3%	7.6%
SAU800561	MGE100318	23%	21.9%	20.2%
SAU800561	MPN100275	12%	20.6%	15.5%
SAU800561	NME201599	17%	8.4%	12.6%
SAU800561	PAE203113	23%	17.4%	22.7%
SAU800561	PSY103818	30%	14.0%	57.4%
SAU800561	SPA103181	24%	10.5%	39.9%
SAU800561	STM102835	24%	16.3%	12.0%
SAU800561	SAU800563	49%	97.5%	6.6%
SAU800561	SAU800562	65%	65.5%	34.3%
SAU800561	SAU800561	100%	100%	100%
SAU800561	SEP200110	39%	89.7%	13.9%
SAU800561	SHA100540	33%	16.1%	98.3%
SAU800561	SHA102998	33%	16.1%	80.1%
SAU800561	SHA100562	48%	58.0%	13.4%
SAU800561	SMU100747	21%	65.3%	97.7%
SAU800561	SMU102548	21%	60.7%	29.6%
SAU800561	SPN401402	21%	8.1%	68.6%
SAU800561	SPY201545	20%	25.1%	63.1%
SAU800561	TPA100366	42%	2.7%	36.2%
SAU800562	BAN100965	25%	5.7%	7.2%
SAU800562	BAN110134	23%	34.7%	51.3%
SAU800562	BAN111001	19%	66.6%	69.3%
SAU800562	BAN109365	18%	65.4%	22.0%
SAU800562	BAN104198	20%	40.1%	43.1%
SAU800562	BFR100579	19%	7.1%	14.3%
SAU800562	BFR102947	19%	8.6%	16.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800562	BFR101444	18%	7.8%	19.3%
SAU800562	BBU100545	25%	12.3%	67.8%
SAU800562	BBU100325	19%	16.8%	19.2%
SAU800562	BFU103969	53%	9.5%	39.8%
SAU800562	BMA104606	30%	14.9%	49.4%
SAU800562	BMA103470	49%	16.2%	32.7%
SAU800562	BMA101165	47%	7.3%	15.2%
SAU800562	CJU101103	20%	17.2%	31.5%
SAU800562	CPN200033	14%	59.6%	34.6%
SAU800562	CAC102616	20%	14.4%	99.5%
SAU800562	CBO103272	16%	18.7%	72.8%
SAU800562	CBO103679	24%	6.3%	18.8%
SAU800562	CDF102641	20%	54.5%	78.4%
SAU800562	CDF101661	26%	22.2%	55.7%
SAU800562	CDP101308	26%	32.2%	56.5%
SAU800562	CDP101991	31%	36.5%	30.2%
SAU800562	EFA203524	22%	44.2%	88.2%
SAU800562	EFM201062	38%	5.0%	65.1%
SAU800562	EFM201664	25%	26.3%	78.5%
SAU800562	EFM201584	16%	8.3%	47.6%
SAU800562	EFM201162	27%	36.6%	16.2%
SAU800562	HPY200074	17%	18.2%	30.3%
SAU800562	KPN206267	51%	33.1%	38.8%
SAU800562	LPN101461	36%	64.8%	46.3%
SAU800562	LMO102167	46%	17.3%	47.0%
SAU800562	MCA100440	42%	3.1%	6.0%
SAU800562	MAV104123	29%	1.2%	57.1%
SAU800562	MBV101055	32%	4.1%	10.4%
SAU800562	MLP100905	32%	2.8%	9.0%
SAU800562	MTU202408	32%	4.1%	10.0%
SAU800562	MGE100318	21%	64.0%	40.1%
SAU800562	MPN100275	11%	17.3%	22.6%
SAU800562	NME100865	22%	28.2%	70.4%
SAU800562	PAE203113	22%	11.0%	24.3%
SAU800562	PSY101467	15%	13.9%	47.5%
SAU800562	PSY108790	15%	60.5%	17.8%
SAU800562	PSY103818	29%	7.9%	56.8%
SAU800562	SPA103181	24%	0.5%	32.9%
SAU800562	STM102835	22%	2.5%	30.5%
SAU800562	SAU800562	100%	100%	100%
SAU800562	SEP200110	41%	46.4%	7.5%
SAU800562	SHA100540	33%	18.1%	85.7%
SAU800562	SHA102998	28%	97.1%	62.1%
SAU800562	SHA100562	50%	96.4%	87.2%
SAU800562	SMU102548	23%	18.1%	20.7%
SAU800562	SMU100747	28%	12.1%	27.4%
SAU800562	SPN401402	22%	12.8%	30.5%
SAU800562	SPY201545	20%	19.3%	70.2%
SAU800566	BFR10892	23%	46.2%	11.2%
SAU800566	BPT101393	33%	87.0%	94.7%
SAU800566	BCE106700	35%	89.0%	89.5%
SAU800566	BFU102591	36%	89.0%	96.6%
SAU800566	BMA107940	35%	89.0%	91.1%
SAU800566	KPN108431	19%	88.7%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800566	NGO100865	35%	89.0%	99.2%
SAU800566	NME200935	35%	89.0%	99.2%
SAU800566	PAE205534	18%	84.2%	92.6%
SAU800566	PPU111596	29%	33.9%	29.0%
SAU800566	PSY105601	24%	48.3%	49.5%
SAU800566	SAU800566	100%	100%	100%
SAU800566	SEP200115	88%	100%	100%
SAU800566	SHA101796	89%	100%	100%
SAU800588	ABA104878	45%	94.8%	42.9%
SAU800588	BAN106141	49%	97.0%	100%
SAU800588	BAN102570	62%	99.7%	100%
SAU800588	BFR101415	45%	99.7%	98.2%
SAU800588	BBU100588	34%	90.5%	88.4%
SAU800588	BCE113410	43%	80.5%	94.7%
SAU800588	BFU103363	43%	98.2%	94.5%
SAU800588	CJU100638	47%	96.3%	62.7%
SAU800588	CAC102832	44%	98.8%	98.5%
SAU800588	CBO102063	52%	50%	90.4%
SAU800588	CDF102626	25%	92.1%	87.1%
SAU800588	CDP101294	50%	97.0%	69.2%
SAU800588	EBC104962	42%	94.8%	43.1%
SAU800588	EFA202248	59%	99.1%	98.8%
SAU800588	EFM200028	53%	62.2%	99.5%
SAU800588	ECO102255	42%	94.8%	43.0%
SAU800588	HIN101176	44%	94.8%	43.2%
SAU800588	HPY200837	47%	97.3%	60.9%
SAU800588	KPN305976	42%	94.8%	43.2%
SAU800588	LPN102073	25%	90.5%	57.7%
SAU800588	LMO100950	62%	99.7%	99.4%
SAU800588	MCA101508	44%	98.2%	64.8%
SAU800588	MAV101929	47%	93.9%	43.9%
SAU800588	MBV102834	47%	94.5%	44.5%
SAU800588	MTU200407	47%	94.5%	44.5%
SAU800588	MGE100305	40%	99.1%	99.4%
SAU800588	MPN100413	40%	99.1%	99.4%
SAU800588	NGO100804	45%	94.8%	61.4%
SAU800588	NME200777	45%	94.8%	61.4%
SAU800588	PMU100705	44%	94.8%	43.1%
SAU800588	PRT100628	45%	94.2%	43.1%
SAU800588	PAE200834	43%	94.2%	43.3%
SAU800588	PPU103956	40%	94.8%	44.6%
SAU800588	PSY102379	39%	97.3%	46.1%
SAU800588	SPA101028	57%	37.8%	86.9%
SAU800588	STY100983	42%	94.8%	43.0%
SAU800588	STM100723	42%	94.8%	43.0%
SAU800588	SAU800588	100%	100%	100%
SAU800588	SEP200137	87%	100%	100%
SAU800588	SHA101700	84%	100%	100%
SAU800588	SMU100210	58%	98.8%	97.3%
SAU800588	SPN401007	55%	99.1%	99.1%
SAU800588	SPY200858	56%	99.1%	97.6%
SAU800588	TPA100093	37%	94.2%	94.3%
SAU800588	UUR100064	25%	80.5%	87.7%
SAU800588	VCH101078	44%	95.4%	43.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800588	YPS000496	43%	94.8%	42.8%
SAU800589	BAN101408	59%	43.9%	91.1%
SAU800589	BAN105953	46%	73.7%	97.3%
SAU800589	BAN102397	52%	94.2%	94.3%
SAU800589	EFA201382	39%	80.9%	81.3%
SAU800589	LMO102312	42%	94.2%	95.3%
SAU800589	PAE204284	28%	41.0%	52.9%
SAU800589	PPU107435	21%	53.6%	63.2%
SAU800589	SAU800589	100%	100%	100%
SAU800589	SEP200138	82%	99.6%	99.3%
SAU800589	SHA101701	86%	98.2%	97.5%
SAU800589	SPY200934	37%	87.1%	85.9%
SAU800591	BBU100685	32%	95.7%	96.8%
SAU800591	EFA200383	56%	99.1%	94.7%
SAU800591	EFM202057	56%	98.8%	99.1%
SAU800591	LPN101401	32%	87.2%	91.1%
SAU800591	LMO100508	50%	91.1%	91.6%
SAU800591	SAU800591	100%	100%	100%
SAU800591	SEP200140	72%	100%	100%
SAU800591	SHA101704	73%	100%	100%
SAU800591	SMU100935	37%	91.4%	90.6%
SAU800591	SPN400339	39%	89.6%	82.8%
SAU800591	SPY200652	41%	90.5%	91.7%
SAU800592	BBU100686	22%	49.7%	52.4%
SAU800592	EFA200384	44%	100%	97.0%
SAU800592	EFM200671	45%	100%	98.6%
SAU800592	LMO101877	38%	98.3%	95.8%
SAU800592	SAU800592	100%	100%	100%
SAU800592	SEP200141	79%	100%	100%
SAU800592	SHA101705	79%	59.8%	100%
SAU800592	SMU100938	29%	97.8%	97.6%
SAU800592	SPN400340	27%	97.8%	96.7%
SAU800592	SPY200653	27%	96.1%	94.9%
SAU800593	BAN113008	60%	65.5%	100%
SAU800593	BAN105544	62%	63.7%	100%
SAU800593	BMA108446	27%	41.6%	14.9%
SAU800593	BMA103867	25%	53.1%	14.6%
SAU800593	BMA106771	24%	64.6%	14.9%
SAU800593	SAU800593	100%	100%	100%
SAU800593	SEP200142	84%	100%	100%
SAU800593	SHA100809	88%	98.2%	98.2%
SAU800593	SPN401580	54%	30.1%	33.7%
SAU800600	ABA101949	30%	92.9%	89.5%
SAU800600	BAN104442	45%	96.5%	99.3%
SAU800600	BAN102029	44%	97.8%	98.7%
SAU800600	BFR100585	29%	95.8%	83.5%
SAU800600	BPT100971	31%	95.5%	86.9%
SAU800600	BBU100527	29%	93.3%	89.8%
SAU800600	BCE111954	31%	87.8%	87.5%
SAU800600	BFU109580	33%	97.8%	93.6%
SAU800600	BFU100521	34%	95.5%	91.2%
SAU800600	BFU100523	36%	92.6%	89.4%
SAU800600	BMA108987	27%	96.5%	96.6%
SAU800600	CBO101231	26%	96.2%	73.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800600	CDF101932	26%	98.1%	74.0%
SAU800600	CDP100172	25%	97.1%	88.5%
SAU800600	EBC102052	31%	97.1%	91.6%
SAU800600	EFM202426	53%	97.4%	98.1%
SAU800600	ECO101739	33%	97.1%	97.2%
SAU800600	HPY101176	31%	86.2%	83.3%
SAU800600	KPN304964	31%	98.1%	93.7%
SAU800600	LPN100428	33%	98.1%	93.2%
SAU800600	LMO100594	30%	98.1%	95.8%
SAU800600	MAV104842	33%	97.1%	93.3%
SAU800600	MBV103911	31%	83.0%	70.7%
SAU800600	MLP100283	32%	94.2%	88.0%
SAU800600	MTU202264	31%	83.0%	77.7%
SAU800600	PAE202533	33%	94.2%	90.6%
SAU800600	PPU106661	27%	95.8%	94.9%
SAU800600	PSY100479	33%	93.6%	89.7%
SAU800600	SPA101563	32%	93.6%	93.4%
SAU800600	STY103216	33%	98.4%	93.9%
SAU800600	STM100076	29%	94.9%	94.5%
SAU800600	SAU800600	100%	100%	100%
SAU800600	SEP200145	78%	99.7%	99.7%
SAU800600	SHA100813	79%	99.7%	100%
SAU800600	SMU100710	28%	84.3%	95.4%
SAU800600	VCH100654	31%	97.8%	94.9%
SAU800600	YPS002522	35%	96.2%	91.8%
SAU800601	BAN113282	46%	66.9%	95.9%
SAU800601	BAN101095	43%	96.1%	93.9%
SAU800601	BPT103683	23%	61.2%	51.4%
SAU800601	BFU105807	30%	36.5%	18.0%
SAU800601	BMA104764	23%	50.6%	44.8%
SAU800601	CAC103679	29%	51.1%	47.9%
SAU800601	CAC102966	25%	93.3%	92.4%
SAU800601	CAC100169	29%	51.1%	47.9%
SAU800601	CBO102960	31%	49.4%	50.3%
SAU800601	CDF102353	26%	50.6%	49.5%
SAU800601	ECO100876	27%	51.7%	47.4%
SAU800601	KPN203154	41%	16.3%	11.2%
SAU800601	LMO101606	22%	77.5%	75.4%
SAU800601	SAU800601	100%	100%	100%
SAU800601	SEP201386	39%	84.3%	96.7%
SAU800601	SHA100814	71%	99.4%	99.4%
SAU800601	SPN401766	45%	21.9%	17.9%
SAU800605	ABA103635	31%	93.5%	90.6%
SAU800605	BAN108675	67%	57.7%	100%
SAU800605	BAN104327	67%	100%	97.7%
SAU800605	BPT100337	27%	99.1%	96.2%
SAU800605	BCE114807	41%	99.4%	87.4%
SAU800605	BFU103004	41%	99.4%	99.1%
SAU800605	BMA100537	41%	99.4%	97.9%
SAU800605	CJU101457	30%	98.5%	94.1%
SAU800605	CDP101455	39%	99.4%	96.8%
SAU800605	EBC101366	68%	99.4%	98.8%
SAU800605	EFA200493	68%	99.7%	98.8%
SAU800605	EFM202247	24%	93.2%	91.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800605	ECO101449	69%	100%	96.5%
SAU800605	HIN100176	26%	96.7%	94.4%
SAU800605	HPY101087	26%	98.5%	95.7%
SAU800605	KPN305086	68%	99.4%	98.8%
SAU800605	LPN102926	33%	89.9%	87.9%
SAU800605	MCA102268	27%	82.4%	97.9%
SAU800605	MAV103580	26%	92.6%	90.8%
SAU800605	MBV103685	26%	92.6%	90.8%
SAU800605	MLP101064	28%	93.8%	87.8%
SAU800605	MTU203005	26%	92.6%	90.8%
SAU800605	MPN100278	26%	81.5%	79.5%
SAU800605	NGO101474	64%	99.4%	96.0%
SAU800605	NME200668	64%	99.4%	96.5%
SAU800605	PAE205422	42%	99.7%	98.0%
SAU800605	PPU110079	64%	100%	98.5%
SAU800605	PSY104861	32%	93.8%	90.4%
SAU800605	SPA101864	69%	100%	97.1%
SAU800605	STY104200	69%	100%	99.4%
SAU800605	STM100346	69%	100%	99.4%
SAU800605	SAU800605	100%	100%	100%
SAU800605	SEP200161	87%	99.4%	98.2%
SAU800605	SMU101451	27%	96.7%	96.0%
SAU800605	SPN400262	64%	100%	99.4%
SAU800605	SPY200034	60%	100%	99.4%
SAU800607	ABA102360	39%	93.5%	94.1%
SAU800607	BAN111999	37%	99.5%	99.6%
SAU800607	BAN110976	56%	100%	100%
SAU800607	BFR10875	22%	99.1%	99.5%
SAU800607	BPT101508	40%	99.6%	99.8%
SAU800607	BBU100593	25%	97.8%	97.3%
SAU800607	BCE100461	40%	98.7%	99.2%
SAU800607	BFU103077	40%	98.7%	99.2%
SAU800607	BMA100457	39%	98.9%	98.0%
SAU800607	CJU101100	35%	94.8%	96.8%
SAU800607	CPN200176	21%	95.8%	97.9%
SAU800607	CTR200729	20%	94.2%	95.2%
SAU800607	CAC101790	25%	94.2%	95.6%
SAU800607	CBO100741	23%	94.2%	95.6%
SAU800607	CDF104545	27%	95.8%	96.8%
SAU800607	CDP100057	41%	98.9%	98.4%
SAU800607	EBC101120	27%	40.1%	73.6%
SAU800607	EFA200290	24%	98.7%	99.5%
SAU800607	EFM201011	23%	94.2%	95.2%
SAU800607	ECO101844	25%	98.9%	99.7%
SAU800607	HIN101550	26%	98.9%	99.7%
SAU800607	HPY100315	38%	94.9%	97.0%
SAU800607	KPN301304	25%	98.9%	99.7%
SAU800607	LPN101161	41%	94.8%	95.2%
SAU800607	LMO101656	55%	100%	100%
SAU800607	MCA100331	26%	98.9%	99.7%
SAU800607	MAV106525	41%	97.3%	97.5%
SAU800607	MBV105559	40%	97.3%	97.5%
SAU800607	MLP100693	40%	94.6%	94.4%
SAU800607	MTU201275	40%	97.3%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800607	MGE100389	31%	94.8%	96.5%
SAU800607	MPN100286	33%	94.0%	95.7%
SAU800607	NGO100228	24%	98.6%	99.3%
SAU800607	NME201566	23%	98.6%	99.3%
SAU800607	PMU100551	26%	95.7%	99.1%
SAU800607	PRT100545	25%	98.9%	99.7%
SAU800607	PAE205046	23%	98.9%	98.6%
SAU800607	PPU109126	23%	98.9%	98.6%
SAU800607	PSY103569	22%	99.3%	99.7%
SAU800607	SPA103053	24%	98.9%	99.7%
SAU800607	STY102666	25%	98.9%	99.7%
SAU800607	STM102429	25%	98.9%	99.7%
SAU800607	SAU800607	100%	100%	100%
SAU800607	SEP200171	84%	100%	100%
SAU800607	SHA101545	84%	100%	100%
SAU800607	SMU101264	26%	98.2%	98.9%
SAU800607	SPN401887	25%	98.7%	99.5%
SAU800607	SPY201643	25%	94.2%	95.4%
SAU800607	TPA100822	25%	94.2%	94.4%
SAU800607	UUR100280	39%	98.9%	99.6%
SAU800607	VCH102042	24%	98.9%	96.0%
SAU800607	YPS003380	26%	97.5%	99.0%
SAU800637	BAN101684	46%	96.6%	69.9%
SAU800637	BAN104283	51%	96.6%	47.6%
SAU800637	BPT102745	32%	73.9%	77.4%
SAU800637	BCE106238	39%	92.0%	81%
SAU800637	BFU103333	38%	89.8%	50.8%
SAU800637	BMA109972	36%	89.8%	53.9%
SAU800637	CJU101365	31%	87.5%	98.2%
SAU800637	CAC103450	36%	98.1%	63.5%
SAU800637	CDP101641	31%	88.3%	93.8%
SAU800637	EFA200265	52%	94.7%	58.6%
SAU800637	EFM200599	41%	97.7%	63.1%
SAU800637	KPN305026	45%	68.6%	97.8%
SAU800637	LPN103143	41%	75.4%	42.0%
SAU800637	LMO100876	50%	98.1%	79.9%
SAU800637	MAV105759	31%	87.5%	89.9%
SAU800637	MBV104256	31%	87.5%	88.3%
SAU800637	MLP100082	30%	87.5%	88.6%
SAU800637	MTU203726	31%	87.5%	88.3%
SAU800637	NME200186	37%	74.6%	89.8%
SAU800637	PMU100781	34%	75%	90.0%
SAU800637	PAE201385	37%	90.9%	56.9%
SAU800637	PPU108273	31%	93.6%	61.2%
SAU800637	PSY104047	37%	88.6%	52.0%
SAU800637	SPA103757	40%	70.8%	79.7%
SAU800637	STY101910	40%	70.8%	79.7%
SAU800637	STM101649	40%	70.8%	79.7%
SAU800637	SAU800637	100%	100%	100%
SAU800637	SEP200217	83%	100%	100%
SAU800637	SHA100118	81%	100%	100%
SAU800637	SMU100176	36%	94.3%	62.7%
SAU800637	SPY200583	37%	87.9%	59.1%
SAU800637	VCH100245	36%	79.2%	76.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800641	BFR11919	28%	87.9%	29.2%
SAU800641	BFR11393	28%	89.4%	29.6%
SAU800641	BPT100821	47%	27.3%	22.2%
SAU800641	BCE113991	28%	70.5%	59.0%
SAU800641	BFU109291	28%	70.5%	53.4%
SAU800641	BMA106229	29%	70.5%	59.0%
SAU800641	CJU101075	31%	97.0%	28.2%
SAU800641	EBC103920	30%	94.7%	27.5%
SAU800641	EFA201297	60%	96.2%	97.7%
SAU800641	EFM100213	57%	55.3%	91.5%
SAU800641	ECO102986	30%	94.7%	27.5%
SAU800641	HIN101495	29%	94.7%	27.5%
SAU800641	KPN308271	30%	94.7%	27.5%
SAU800641	LMO101198	71%	95.5%	99.2%
SAU800641	MAV104245	32%	90.2%	91.9%
SAU800641	NGO100989	31%	69.7%	56.0%
SAU800641	NME200331	30%	72.0%	57.7%
SAU800641	PMU100884	35%	51.5%	14.7%
SAU800641	SPA102480	30%	94.7%	28.3%
SAU800641	STY100790	30%	99.2%	28.7%
SAU800641	SAU800641	100%	100%	100%
SAU800641	SEP200670	94%	100%	100%
SAU800641	SHA100548	90%	78.0%	100%
SAU800641	YPS001982	33%	94.7%	27.5%
SAU800680	ABA104575	44%	94.1%	85.5%
SAU800680	BAN101585	39%	98.9%	97.4%
SAU800680	BAN112177	45%	98.4%	97.4%
SAU800680	BFR104201	41%	69.7%	89.1%
SAU800680	BPT100746	40%	95.2%	86.1%
SAU800680	BCE110211	45%	96.3%	93.8%
SAU800680	BFU106340	44%	93.6%	93.1%
SAU800680	BMA103155	45%	96.3%	92.8%
SAU800680	CJU100047	25%	65.4%	63.2%
SAU800680	CBO100465	48%	96.3%	94.3%
SAU800680	CDP102654	39%	92.6%	42.8%
SAU800680	EFA201956	41%	99.5%	96.4%
SAU800680	EFM202384	39%	83.5%	82.7%
SAU800680	KPN300536	54%	75.5%	100%
SAU800680	LPN102317	37%	93.6%	92.6%
SAU800680	MCA100065	41%	94.7%	84.4%
SAU800680	MAV103187	35%	80.9%	49.7%
SAU800680	MBV100232	37%	74.5%	91.4%
SAU800680	MLP100652	33%	93.1%	93.0%
SAU800680	MTU201189	36%	81.9%	81.8%
SAU800680	NGO101834	24%	90.4%	80.5%
SAU800680	NME202039	26%	79.3%	70.5%
SAU800680	PRT102028	46%	100%	97.9%
SAU800680	PAE204918	43%	96.3%	92.8%
SAU800680	PPU107578	41%	95.2%	91.8%
SAU800680	PSY104404	25%	94.7%	55.0%
SAU800680	SPA101481	20%	56.9%	24.8%
SAU800680	SAU800680	100%	100%	100%
SAU800680	SEP200723	81%	100%	100%
SAU800680	SHA100242	81%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800699	BAN102886	47%	98.4%	99.3%
SAU800699	BAN102711	48%	98.4%	99.3%
SAU800699	BBU100629	42%	98.0%	98.0%
SAU800699	BCE112651	28%	97.1%	89.6%
SAU800699	BMA107539	27%	95.8%	59.4%
SAU800699	CAC103266	34%	97.4%	98.7%
SAU800699	CBO101253	42%	97.4%	99.7%
SAU800699	CDF104515	43%	98.0%	99.0%
SAU800699	CDP100365	29%	91.5%	92.5%
SAU800699	EBC102987	29%	92.2%	92.3%
SAU800699	EFA201059	44%	98.0%	98.4%
SAU800699	EFM101242	43%	99.3%	100%
SAU800699	ECO101691	30%	95.8%	97.1%
SAU800699	HIN100427	30%	99.3%	99.0%
SAU800699	KPN300446	35%	36.3%	91.1%
SAU800699	KPN301962	28%	98.0%	99.0%
SAU800699	LMO100871	44%	99.7%	99.3%
SAU800699	MBV102255	26%	95.4%	87.9%
SAU800699	MLP100531	19%	88.2%	85.8%
SAU800699	MTU201996	26%	95.4%	87.9%
SAU800699	MGE100065	25%	81.4%	96.1%
SAU800699	MPN100076	26%	86.3%	87.3%
SAU800699	NME200956	20%	79.7%	75.9%
SAU800699	PMU101796	27%	96.1%	97.7%
SAU800699	PRT106003	29%	98.7%	98.1%
SAU800699	SPA103914	30%	99.0%	100%
SAU800699	STY100943	30%	99.0%	100%
SAU800699	STM101389	30%	99.0%	100%
SAU800699	SAU800699	100%	100%	100%
SAU800699	SEP200740	81%	100%	100%
SAU800699	SHA102369	77%	100%	100%
SAU800699	SMU100817	44%	99.0%	100%
SAU800699	SPN400779	46%	98.0%	99.0%
SAU800699	SPY200637	44%	98.0%	99.0%
SAU800699	YPS001092	28%	94.1%	93.3%
SAU800700	ABA102246	39%	76.5%	86.0%
SAU800700	BAN111327	40%	75.6%	100%
SAU800700	BAN110516	53%	98.0%	99.8%
SAU800700	BPT101778	24%	21.5%	90.3%
SAU800700	BBU100628	41%	96.8%	97.8%
SAU800700	BCE105566	24%	22.5%	96.7%
SAU800700	BFU103417	28%	21.8%	92.7%
SAU800700	BMA103307	28%	20.2%	76.2%
SAU800700	CTR200556	35%	22.5%	88.5%
SAU800700	CBO103578	46%	69.9%	97.6%
SAU800700	CDF102133	48%	98.3%	99.7%
SAU800700	CDP100375	34%	94.8%	97.7%
SAU800700	EBC101473	43%	75.5%	85.9%
SAU800700	EFA201062	49%	97.5%	98.9%
SAU800700	EFM202637	37%	95.2%	99.8%
SAU800700	ECO102126	44%	69.9%	79.4%
SAU800700	HIN100426	43%	70.2%	80.4%
SAU800700	KPN302673	43%	75.2%	85.1%
SAU800700	LMO101732	48%	98.2%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800700	MGE100064	34%	94.2%	94.7%
SAU800700	MPN100077	35%	93.6%	93.8%
SAU800700	NGO101941	33%	22.4%	97.3%
SAU800700	NME200870	34%	22.4%	97.3%
SAU800700	PRT101283	28%	22.7%	96.1%
SAU800700	PAE203558	39%	21.9%	3.8%
SAU800700	PPU101409	40%	21.9%	3.8%
SAU800700	PSY105144	41%	19.3%	0.9%
SAU800700	SPA103916	45%	69.6%	99.3%
SAU800700	STY103897	44%	70.1%	97.6%
SAU800700	STM101392	46%	69.6%	93.9%
SAU800700	SAU800700	100%	100%	100%
SAU800700	SEP200741	87%	100%	100%
SAU800700	SHA102370	86%	97.5%	99.8%
SAU800700	SMU100819	45%	97.5%	99.5%
SAU800700	SPN400780	46%	97.5%	99.4%
SAU800700	SPY200638	47%	97.9%	99.8%
SAU800700	TPA100084	34%	22.7%	100%
SAU800700	VCH103241	43%	21.5%	2.1%
SAU800700	YPS001094	41%	73.5%	82.7%
SAU800701	ABA101441	30%	25.2%	16.2%
SAU800701	BAN112706	37%	94.9%	98.1%
SAU800701	BAN109134	42%	98.5%	97.6%
SAU800701	BFR11566	30%	97.7%	97.9%
SAU800701	BFR11862	30%	97.7%	96.9%
SAU800701	BPT100372	30%	19.6%	14.9%
SAU800701	BBU100150	32%	99.0%	98.8%
SAU800701	BCE111462	37%	96.7%	97.5%
SAU800701	BFU102712	37%	96.7%	97.5%
SAU800701	BMA103808	36%	96.7%	97.5%
SAU800701	CAC100532	42%	97.7%	97.6%
SAU800701	CBO103032	42%	86.8%	88.9%
SAU800701	CDF103827	38%	97.7%	97.1%
SAU800701	CDP101711	34%	83.7%	82.7%
SAU800701	EBC101139	32%	96.4%	96.8%
SAU800701	EFA200139	36%	97.2%	97.4%
SAU800701	EFM101955	34%	49.1%	97.8%
SAU800701	ECO100660	28%	96.4%	96.9%
SAU800701	HIN100133	30%	93.4%	95.5%
SAU800701	KPN301179	29%	96.4%	96.9%
SAU800701	LPN100461	48%	8.4%	7.6%
SAU800701	LMO101310	41%	99.5%	100%
SAU800701	MAV101737	32%	93.4%	93.7%
SAU800701	MBV105301	33%	94.1%	95.0%
SAU800701	MTU203289	33%	94.1%	95.0%
SAU800701	PMU100874	32%	90.1%	92.9%
SAU800701	PRT102743	35%	97.7%	95.9%
SAU800701	PAE203755	35%	96.9%	98.9%
SAU800701	PPU106243	32%	17.6%	10.9%
SAU800701	SPA101690	26%	94.7%	97.4%
SAU800701	STY101830	29%	94.7%	96.4%
SAU800701	SAU800701	100%	100%	100%
SAU800701	SEP200742	70%	99.7%	99.7%
SAU800701	SHA102517	66%	98.7%	98.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800701	SMU100804	39%	86.0%	88.0%
SAU800701	SPN401864	35%	93.4%	93.5%
SAU800701	SPY201302	37%	93.6%	93.7%
SAU800701	VCH100977	33%	86.8%	88.9%
SAU800701	YPS000074	32%	91.3%	93.3%
SAU800719	ABA100200	24%	30.0%	40.3%
SAU800719	BAN101020	52%	70.3%	98.7%
SAU800719	BAN106537	45%	94.1%	97.7%
SAU800719	BFR10189	22%	48.3%	47.7%
SAU800719	BPT100647	21%	48.9%	44.4%
SAU800719	BCE100990	25%	22.4%	23.2%
SAU800719	BMA102844	22%	21.7%	28.0%
SAU800719	CJU101363	28%	17.3%	19.2%
SAU800719	CAC103138	31%	88.1%	91.2%
SAU800719	CBO101190	31%	88.9%	89.7%
SAU800719	CBO100209	31%	95.8%	99.2%
SAU800719	EFA200629	45%	96.6%	91.2%
SAU800719	EFM200738	46%	95.5%	93.0%
SAU800719	ECO101469	29%	11.6%	13.1%
SAU800719	HIN101218	21%	75.9%	79.4%
SAU800719	HPY100571	20%	85.0%	85.0%
SAU800719	KPN304077	25%	15.9%	17.5%
SAU800719	LPN102221	19%	80.3%	77.1%
SAU800719	LMO102885	52%	98.1%	97.2%
SAU800719	PMU101683	21%	73.8%	73.2%
SAU800719	PRT102753	24%	28.2%	33.6%
SAU800719	PAE201688	24%	54.3%	48%
SAU800719	PPU108921	23%	24.6%	61.9%
SAU800719	PPU112431	25%	48.0%	77.4%
SAU800719	PSY104669	24%	47.5%	42.3%
SAU800719	STY104492	22%	24.5%	22.5%
SAU800719	SAU800719	100%	100%	100%
SAU800719	SEP200765	89%	100%	100%
SAU800719	SHA101679	87%	99.8%	100%
SAU800719	SMU100078	40%	98.0%	90.8%
SAU800719	SPY200599	38%	96.6%	87.4%
SAU800719	VCH103522	25%	51.4%	45.5%
SAU800719	YPS003644	27%	23.2%	26.8%
SAU800720	ABA100489	37%	84.5%	95.8%
SAU800720	BAN110028	38%	37.4%	76.9%
SAU800720	BAN101564	26%	75.0%	95.1%
SAU800720	BAN109552	27%	20.2%	77.1%
SAU800720	BAN111328	24%	13.6%	89.1%
SAU800720	BAN108174	25%	13.6%	88%
SAU800720	BAN110379	32%	17.6%	75.9%
SAU800720	BAN108774	26%	13.8%	85.5%
SAU800720	BAN112693	31%	17.0%	78.3%
SAU800720	BAN101135	32%	17.0%	80.8%
SAU800720	BAN108206	41%	12%	97.9%
SAU800720	BAN100158	42%	24.5%	94.4%
SAU800720	BAN112678	44%	99.7%	99.5%
SAU800720	BFR10185	37%	46.7%	90.7%
SAU800720	BPT103035	35%	40.2%	82.9%
SAU800720	BCE109252	34%	99.0%	99.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800720	BFU108924	35%	99.0%	99.4%
SAU800720	BMA108966	34%	99.0%	97.3%
SAU800720	CJU100819	31%	54.1%	98.6%
SAU800720	CAC101791	42%	99.8%	99.4%
SAU800720	CBO101696	40%	89.3%	41.4%
SAU800720	CDF101289	39%	99.8%	95.8%
SAU800720	CDP101266	37%	39.4%	95.9%
SAU800720	EBC103175	38%	36.6%	92.6%
SAU800720	EFA201844	46%	98.6%	98.6%
SAU800720	EFM100646	48%	91.8%	98.3%
SAU800720	ECO100924	33%	43.7%	86.3%
SAU800720	HIN101309	35%	14.6%	82.8%
SAU800720	HIN101266	35%	43.2%	86.2%
SAU800720	KPN302187	38%	36.6%	92.9%
SAU800720	LPN103510	35%	97.4%	97.9%
SAU800720	LMO101330	45%	99.7%	100%
SAU800720	MCA100198	35%	37.4%	93.7%
SAU800720	MAV100344	36%	39.4%	95.7%
SAU800720	MBV101523	34%	96.5%	55.2%
SAU800720	MLP100773	35%	87.8%	46.8%
SAU800720	MTU202441	34%	96.5%	55.2%
SAU800720	NGO101191	34%	99.0%	97.8%
SAU800720	NME201150	34%	99.0%	98.7%
SAU800720	PMU100877	34%	52.5%	92.8%
SAU800720	PRT101963	34%	40%	82.9%
SAU800720	PAE204593	34%	40.2%	96.4%
SAU800720	PPU109750	36%	37.4%	94.7%
SAU800720	PSY102871	33%	99.2%	100%
SAU800720	SPA100983	35%	37.8%	95.8%
SAU800720	STY104621	37%	36.6%	92.6%
SAU800720	STM102138	33%	44.3%	88.3%
SAU800720	SAU800720	100%	100%	100%
SAU800720	SEP200773	80%	99.8%	100%
SAU800720	SHA100939	77%	29.6%	88.1%
SAU800720	SHA101681	81%	99.8%	100%
SAU800720	SMU100883	42%	99.7%	100%
SAU800720	SPN401411	44%	97.4%	98.4%
SAU800720	SPY200645	44%	96.5%	96.8%
SAU800720	VCH101463	34%	37.9%	81.5%
SAU800720	YPS002105	34%	39.7%	84.1%
SAU800732	ABA103998	25%	81.4%	79.4%
SAU800732	ABA101388	25%	86.7%	90.3%
SAU800732	BAN111908	50%	98.5%	100%
SAU800732	BFR10832	24%	97.8%	92.8%
SAU800732	BPT102919	26%	79.6%	66.8%
SAU800732	BCE105994	26%	85.4%	71.0%
SAU800732	BFU106488	25%	85.4%	69.6%
SAU800732	BMA101937	27%	85.4%	71.0%
SAU800732	CJU100204	22%	89.2%	84.7%
SAU800732	CPN200855	23%	88.5%	85.0%
SAU800732	CTR200210	22%	86.7%	83.2%
SAU800732	CAC103499	27%	94.1%	91.6%
SAU800732	CBO100701	26%	90.4%	86.0%
SAU800732	CDF101630	49%	98.1%	96.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800732	CDP101412	39%	98.5%	95.1%
SAU800732	EBC100530	37%	98.5%	97.8%
SAU800732	EFA201345	43%	98.5%	96.9%
SAU800732	EFM200562	42%	98.1%	96.6%
SAU800732	ECO102621	36%	98.5%	97.8%
SAU800732	HIN101625	22%	81.7%	77.4%
SAU800732	HPY100360	23%	89.2%	84.2%
SAU800732	KPN304452	36%	98.5%	97.5%
SAU800732	LPN102663	24%	85.4%	77.9%
SAU800732	LMO101175	25%	89.2%	83.1%
SAU800732	MCA101601	23%	81.7%	77.4%
SAU800732	MAV103576	38%	98.5%	96.3%
SAU800732	MBV102489	38%	98.5%	96.9%
SAU800732	MLP101065	37%	98.5%	96%
SAU800732	MTU201948	38%	98.5%	96.9%
SAU800732	MGE100234	32%	98.5%	91.8%
SAU800732	MPN100514	32%	98.5%	92.0%
SAU800732	NGO100274	23%	81.7%	76.0%
SAU800732	NME201364	22%	81.7%	77.5%
SAU800732	PMU100719	22%	81.7%	77.4%
SAU800732	PRT102696	38%	98.5%	96.9%
SAU800732	PAE201154	24%	76.5%	61.9%
SAU800732	PPU108078	22%	76.5%	61.8%
SAU800732	PSY104507	23%	76.5%	61.9%
SAU800732	SPA100937	38%	98.5%	97.8%
SAU800732	STY102724	38%	98.5%	97.8%
SAU800732	STM103201	38%	98.5%	97.8%
SAU800732	SAU800732	100%	100%	100%
SAU800732	SEP201119	54%	99.1%	94.1%
SAU800732	SEP200799	91%	99.7%	100%
SAU800732	SHA100853	90%	99.7%	100%
SAU800732	SMU100848	41%	98.1%	97.2%
SAU800732	SPN401066	42%	97.8%	96.6%
SAU800732	SPY201058	41%	97.8%	96.9%
SAU800732	TPA100052	25%	97.8%	92.3%
SAU800732	VCH101236	23%	81.7%	75.1%
SAU800732	YPS001318	37%	98.5%	96.6%
SAU800733	ABA105082	38%	94.7%	97.8%
SAU800733	BAN113556	34%	85.1%	99.6%
SAU800733	BAN109705	34%	96.0%	89.9%
SAU800733	CJU101276	47%	99.1%	99.1%
SAU800733	CBO102064	50%	97.5%	99.4%
SAU800733	CDF100649	49%	98.1%	100%
SAU800733	EFA201992	44%	95.7%	98.1%
SAU800733	EFM202344	40%	95.7%	97.8%
SAU800733	NGO100092	39%	94.4%	94.4%
SAU800733	NME200420	40%	94.4%	94.4%
SAU800733	PRT102497	40%	96.0%	96.2%
SAU800733	PPU100159	38%	94.1%	97.1%
SAU800733	SAU800733	100%	100%	100%
SAU800733	SEP200801	78%	100%	99.7%
SAU800733	SHA100854	78%	99.4%	99.7%
SAU800733	SMU100104	50%	98.5%	99.4%
SAU800733	SPN401682	38%	96.6%	96.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800733	VCH102962	44%	96.0%	98.4%
SAU800733	YPS002721	39%	95.7%	96.6%
SAU800737	SAU800737	100%	100%	100%
SAU800737	SEP200811	70%	100%	100%
SAU800737	SHA102001	72%	100%	100%
SAU800737	SMU100332	46%	98.1%	99.0%
SAU800737	SPN301332	42%	99.0%	100%
SAU800737	SPY200154	38%	98.1%	96.1%
SAU800738	ABA100810	25%	88.6%	90.9%
SAU800738	BAN105237	37%	92.8%	95.5%
SAU800738	BAN104566	60%	97.4%	98.0%
SAU800738	BFR11211	23%	77.9%	95.1%
SAU800738	BPT102727	23%	76.5%	82.1%
SAU800738	BBU100597	31%	90.2%	92.7%
SAU800738	BCE105021	32%	76.5%	84.4%
SAU800738	BFU110503	28%	56.7%	31.0%
SAU800738	BMA103015	21%	75.2%	76.3%
SAU800738	CJU101581	34%	61.6%	68.2%
SAU800738	CPN200851	32%	91.5%	91.4%
SAU800738	CTR200213	35%	91.5%	93.9%
SAU800738	CAC101781	47%	97.4%	98.0%
SAU800738	CBO101419	48%	97.4%	97.7%
SAU800738	CDF101126	42%	98.4%	95.6%
SAU800738	CDP100735	36%	42.3%	40.6%
SAU800738	EBC104194	26%	80.1%	86.3%
SAU800738	EFA200829	52%	96.1%	98.3%
SAU800738	EFM201956	54%	92.5%	91.3%
SAU800738	ECO103874	26%	86.6%	92.1%
SAU800738	HIN100255	29%	86.3%	92.1%
SAU800738	HPY101397	27%	89.3%	96.1%
SAU800738	KPN300758	27%	78.8%	85.1%
SAU800738	LPN101622	36%	91.5%	93.1%
SAU800738	LMO102057	59%	95.4%	98.3%
SAU800738	MCA100620	26%	57.3%	67.1%
SAU800738	MAV103805	26%	90.6%	94.1%
SAU800738	MBV102338	26%	90.6%	94.0%
SAU800738	MLP101458	25%	88.9%	92.6%
SAU800738	MTU200480	26%	90.6%	94.0%
SAU800738	NGO100898	25%	91.2%	96.8%
SAU800738	NME200943	25%	91.2%	96.8%
SAU800738	PMU101589	25%	79.5%	85.9%
SAU800738	PRT102712	26%	92.2%	97.1%
SAU800738	PAE202975	23%	81.1%	89.1%
SAU800738	PPU101791	24%	88.6%	95.9%
SAU800738	PSY101711	23%	84.7%	92.3%
SAU800738	SPA103331	26%	85.7%	91.5%
SAU800738	STY102701	27%	85.7%	91.5%
SAU800738	STM102039	27%	85.3%	91.2%
SAU800738	SAU800738	100%	100%	100%
SAU800738	SEP200812	83%	99.7%	100%
SAU800738	SHA102002	84%	98.7%	98.7%
SAU800738	SMU100056	53%	92.5%	92.8%
SAU800738	SPN401246	52%	96.7%	94.0%
SAU800738	SPY200834	51%	92.8%	96.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800738	TPA100089	28%	90.9%	92.4%
SAU800738	VCH100313	28%	83.4%	84.9%
SAU800738	YPS000538	24%	78.8%	84.3%
SAU800742	SAU800742	100%	100%	100%
SAU800742	SEP200819	77%	99.5%	98.9%
SAU800742	SHA102006	73%	99.2%	99.5%
SAU800743	BAN100661	50%	89.7%	89.4%
SAU800743	BAN105794	55%	99.5%	99.5%
SAU800743	BFR11051	54%	98.3%	99.0%
SAU800743	CPN200966	29%	16.7%	14.8%
SAU800743	CTR200116	27%	17.2%	15.3%
SAU800743	CAC103052	53%	98.8%	99.3%
SAU800743	CBO101160	52%	97.5%	98.0%
SAU800743	CDF102303	50%	99.5%	99.5%
SAU800743	EBC102861	51%	98.0%	98.5%
SAU800743	EFA202002	47%	97.5%	98.3%
SAU800743	EFA202365	54%	98.5%	99.0%
SAU800743	EFM200402	50%	98.5%	98.8%
SAU800743	ECO101100	51%	99.0%	99.3%
SAU800743	HIN101314	43%	98.3%	97.6%
SAU800743	KPN302598	50%	98.0%	97.8%
SAU800743	LMO102174	53%	98.0%	98.0%
SAU800743	PMU100265	44%	97.5%	96.8%
SAU800743	PRT102290	38%	96.3%	98.0%
SAU800743	SPA104230	52%	86.0%	98.0%
SAU800743	STY102563	50%	98.0%	98.0%
SAU800743	STM102752	50%	98.0%	98.0%
SAU800743	SAU800743	100%	100%	100%
SAU800743	SEP200821	80%	100%	99.0%
SAU800743	SHA102007	78%	100%	99.8%
SAU800743	SMU100892	53%	97.8%	98.3%
SAU800743	SPN400913	51%	98.0%	98.8%
SAU800743	SPY200591	50%	97.8%	98.5%
SAU800743	VCH102915	49%	99.3%	98.8%
SAU800743	YPS003245	49%	98.0%	97.6%
SAU800753	ABA101280	46%	90.2%	97.6%
SAU800753	BAN110913	41%	99.5%	99.4%
SAU800753	BAN103692	59%	99.9%	99.5%
SAU800753	BFR11725	38%	3.6%	8.8%
SAU800753	BPT102975	44%	100%	99.7%
SAU800753	BBU100153	40%	98.8%	98.4%
SAU800753	BCE111466	51%	68.0%	94.8%
SAU800753	BFU106498	45%	99.9%	99.5%
SAU800753	BMA103047	45%	99.9%	99.5%
SAU800753	CJU100872	46%	98.8%	97.4%
SAU800753	CPN201009	41%	7.2%	19.1%
SAU800753	CTR200074	41%	4.0%	16.4%
SAU800753	CAC100650	52%	100%	99.8%
SAU800753	CBO100098	53%	100%	99.2%
SAU800753	CDF100803	49%	92.5%	98.6%
SAU800753	CDF101445	48%	100%	100%
SAU800753	CDP100932	46%	94.3%	99.2%
SAU800753	EBC107179	51%	44.2%	96.2%
SAU800753	EFA200590	56%	99.8%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800753	EFM100280	61%	26.8%	98.2%
SAU800753	ECO100098	45%	98.8%	98.3%
SAU800753	HIN100888	42%	99.9%	99.3%
SAU800753	HPY100773	46%	98.8%	97.3%
SAU800753	KPN300997	45%	98.8%	98.2%
SAU800753	LPN103376	46%	98.7%	98.2%
SAU800753	LMO101013	60%	99.9%	99.5%
SAU800753	MCA100812	42%	98.8%	98.4%
SAU800753	MAV101468	46%	91.3%	88.4%
SAU800753	MBV103337	46%	94.0%	90.8%
SAU800753	MLP100475	46%	92.6%	88.8%
SAU800753	MTU203197	46%	95.3%	90.9%
SAU800753	MGE100074	42%	91.1%	94.3%
SAU800753	MPN100621	43%	91.1%	94.1%
SAU800753	NGO100323	45%	98.8%	98.4%
SAU800753	NME201594	45%	98.8%	98.4%
SAU800753	PMU101219	45%	99.5%	98.9%
SAU800753	PRT105129	46%	98.8%	98.3%
SAU800753	PAE204401	45%	98.8%	98.4%
SAU800753	PPU107707	46%	98.8%	95.4%
SAU800753	PSY103871	46%	97.7%	99.6%
SAU800753	SPA100472	42%	64.3%	85.7%
SAU800753	STY103214	45%	98.8%	98.3%
SAU800753	STM102926	45%	98.8%	98.3%
SAU800753	SAU800753	100%	100%	100%
SAU800753	SEP201381	90%	100%	99.9%
SAU800753	SHA101267	89%	100%	99.8%
SAU800753	SMU101178	55%	99.6%	99.2%
SAU800753	SPN401543	54%	99.6%	99.3%
SAU800753	SPY201389	53%	99.6%	99.0%
SAU800753	TPA100375	42%	98.8%	98.5%
SAU800753	UUR100118	43%	91.3%	91.4%
SAU800753	VCH102359	46%	99.6%	99.2%
SAU800753	YPS001804	45%	98.8%	98.3%
SAU800759	ABA101958	56%	99.1%	100%
SAU800759	BAN113089	38%	93.8%	57.7%
SAU800759	BAN100680	70%	99.5%	98.1%
SAU800759	BFR11670	54%	12.1%	75.6%
SAU800759	BPT100944	56%	11.9%	75.8%
SAU800759	BBU100836	53%	75.3%	12.1%
SAU800759	BCE103574	58%	11.8%	75.5%
SAU800759	BFU103391	57%	74.9%	11.6%
SAU800759	BMA102344	57%	98.5%	100%
SAU800759	CJU100311	51%	99.2%	99.7%
SAU800759	CPN200666	35%	62.9%	99.8%
SAU800759	CTR200602	34%	60.7%	99.4%
SAU800759	CAC103028	61%	74.9%	11.8%
SAU800759	CBO100949	63%	74.9%	11.8%
SAU800759	CDF101156	61%	98.5%	99.6%
SAU800759	CDP100967	57%	11.6%	75.1%
SAU800759	EBC104211	57%	11.8%	76.1%
SAU800759	EFA200963	68%	99.1%	100%
SAU800759	EFM100494	74%	33.2%	54.9%
SAU800759	ECO103952	57%	11.8%	76.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800759	HIN100236	58%	12.9%	76.9%
SAU800759	HPY100696	51%	75.2%	12.2%
SAU800759	KPN300132	73%	75.4%	91.3%
SAU800759	KPN304697	57%	11.8%	76.0%
SAU800759	LPN101592	58%	99.1%	99.1%
SAU800759	LMO102288	69%	100%	99.3%
SAU800759	MCA100016	61%	33.0%	55.9%
SAU800759	MAV106576	59%	74.9%	11.4%
SAU800759	MBV101262	56%	11.4%	78.7%
SAU800759	MLP100862	58%	76.3%	13.0%
SAU800759	MTU201617	58%	74.9%	11.4%
SAU800759	MGE100431	55%	11.6%	74.6%
SAU800759	MPN100223	55%	11.6%	75.1%
SAU800759	NGO101264	58%	98.6%	95.3%
SAU800759	NME201071	58%	98.5%	98.6%
SAU800759	PMU101951	58%	12.8%	76.8%
SAU800759	PRT100660	58%	75.4%	12.3%
SAU800759	PAE204232	58%	11.8%	75.7%
SAU800759	PPU108153	58%	11.8%	75.6%
SAU800759	PSY105787	57%	5.1%	74.0%
SAU800759	SPA102876	46%	10.4%	74.8%
SAU800759	STY102276	57%	11.8%	76.0%
SAU800759	SAU800759	100%	100%	100%
SAU800759	SEP201393	90%	99.3%	99.7%
SAU800759	SHA101501	91%	99.4%	99.8%
SAU800759	SMU101222	68%	62.6%	99.5%
SAU800759	SPN400171	66%	99.1%	99.9%
SAU800759	SPY201403	67%	74.9%	11.8%
SAU800759	TPA100510	55%	75.4%	12.1%
SAU800759	UUR100101	54%	74.9%	11.8%
SAU800759	VCH100389	58%	11.6%	75.7%
SAU800759	YPS002814	57%	99.1%	99.6%
SAU800760	BAN107071	45%	95.2%	97.7%
SAU800760	BAN109743	63%	96.1%	96.4%
SAU800760	BPT101777	36%	98.4%	99.7%
SAU800760	BCE114457	35%	92.6%	84.7%
SAU800760	BFU103416	35%	92.6%	89.4%
SAU800760	BMA105321	35%	92.3%	89.1%
SAU800760	CAC103664	46%	96.1%	97.7%
SAU800760	CBO103006	44%	98.1%	98.7%
SAU800760	CDF101148	45%	96.8%	97.1%
SAU800760	EFA201005	50%	96.8%	96.8%
SAU800760	EFM101937	53%	49.7%	96.2%
SAU800760	LMO102906	56%	99.4%	98.7%
SAU800760	MGE100087	30%	90.6%	90.4%
SAU800760	MPN100608	32%	99.4%	98.7%
SAU800760	NGO101943	35%	96.5%	93.8%
SAU800760	NME200871	35%	96.5%	93.8%
SAU800760	SAU800760	100%	100%	100%
SAU800760	SEP201395	89%	100%	100%
SAU800760	SHA101502	88%	100%	99.7%
SAU800760	SMU100034	49%	97.7%	97.7%
SAU800760	SPN401269	49%	96.8%	95.3%
SAU800760	SPY200421	46%	97.7%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800760	TPA100584	46%	95.8%	93.4%
SAU800760	UUR100074	29%	96.5%	97.4%
SAU800765	ABA105050	37%	93.1%	97.2%
SAU800765	BAN105743	42%	81.8%	98.0%
SAU800765	BAN103527	53%	97.0%	99.0%
SAU800765	BPT101774	36%	89.1%	93.1%
SAU800765	BCE105719	40%	94.4%	94.7%
SAU800765	BFU103415	40%	95.4%	92.6%
SAU800765	BMA101496	38%	94.1%	96.0%
SAU800765	CAC100640	46%	95.7%	98.6%
SAU800765	CBO103526	47%	95.7%	98.6%
SAU800765	CDF101175	46%	93.7%	98.6%
SAU800765	CDP100284	41%	92.7%	94.2%
SAU800765	EBC104047	40%	92.7%	96.8%
SAU800765	EFA200958	50%	93.4%	94.6%
SAU800765	EFM102057	65%	13.5%	78%
SAU800765	ECO103135	40%	92.7%	96.8%
SAU800765	HIN101120	42%	88.4%	91.0%
SAU800765	KPN301883	41%	92.7%	96.8%
SAU800765	LMO101258	52%	95.4%	97.6%
SAU800765	MCA100868	36%	93.7%	95.9%
SAU800765	MAV100819	40%	93.4%	91.3%
SAU800765	MBV102154	40%	96.0%	95.7%
SAU800765	MLP100349	40%	96.4%	97.7%
SAU800765	MTU201402	40%	96.0%	95.7%
SAU800765	NGO101945	34%	95.4%	99.3%
SAU800765	NME200872	35%	93.7%	97.5%
SAU800765	PMU100169	42%	93.1%	95.8%
SAU800765	PRT101284	40%	92.7%	97.2%
SAU800765	PAE204463	38%	93.1%	98.3%
SAU800765	PPU103901	39%	93.1%	98.9%
SAU800765	PSY104751	39%	93.1%	98.6%
SAU800765	SPA101395	40%	92.7%	97.2%
SAU800765	STY101515	40%	92.7%	96.8%
SAU800765	STM101784	40%	92.7%	96.8%
SAU800765	SAU800765	100%	100%	100%
SAU800765	SEP201405	84%	99.7%	100%
SAU800765	SHA100647	77%	98.7%	100%
SAU800765	SMU100310	48%	94.7%	95.6%
SAU800765	SPN401423	47%	94.7%	95.6%
SAU800765	SPY200470	49%	93.1%	93.9%
SAU800765	VCH102495	43%	89.4%	93.7%
SAU800765	YPS002374	41%	92.7%	96.8%
SAU800766	BAN111073	43%	90.3%	98.4%
SAU800766	BAN103579	50%	94.6%	98.4%
SAU800766	CAC100700	42%	94.6%	69.8%
SAU800766	CBO102977	42%	94.6%	70.8%
SAU800766	CDF101172	43%	95.2%	86.0%
SAU800766	CDP100282	36%	71.9%	77.4%
SAU800766	EBC102211	35%	74.0%	81.5%
SAU800766	EFA200956	39%	76.4%	78.5%
SAU800766	EFM101137	36%	48.6%	71.4%
SAU800766	ECO100756	36%	74.0%	81.5%
SAU800766	KPN303577	36%	74.0%	81.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800766	LMO102839	46%	90.0%	91.3%
SAU800766	MAV100820	37%	71.0%	68.7%
SAU800766	MBV102152	38%	71.0%	71.9%
SAU800766	MLP100350	37%	71.0%	68.5%
SAU800766	MTU201403	38%	71.0%	71.9%
SAU800766	PMU100626	36%	74.9%	80.5%
SAU800766	PRT106022	32%	90.6%	95.2%
SAU800766	SPA102731	34%	74.0%	81.5%
SAU800766	STY102319	34%	74.0%	81.5%
SAU800766	SAU800766	100%	100%	100%
SAU800766	SEP201410	79%	100%	100%
SAU800766	SHA100648	72%	98.5%	99.4%
SAU800766	SMU100308	40%	92.1%	95.4%
SAU800766	SPN401422	41%	76.4%	80%
SAU800766	SPY200471	42%	75.2%	78.5%
SAU800766	VCH101004	34%	74.0%	83.1%
SAU800766	YPS002147	33%	74.6%	80.8%
SAU800767	BAN105219	58%	99.4%	99.1%
SAU800767	BAN112086	62%	99.4%	99.1%
SAU800767	CAC102108	46%	97.8%	98.7%
SAU800767	CBO101086	48%	98.4%	99.7%
SAU800767	CDF101166	46%	97.8%	98.1%
SAU800767	CDP100280	25%	96.8%	92.7%
SAU800767	EFA200954	60%	97.8%	98.7%
SAU800767	EFM101138	59%	97.8%	98.7%
SAU800767	LMO101438	61%	98.7%	96.3%
SAU800767	MAV100821	27%	97.1%	93.3%
SAU800767	MBV102150	26%	95.9%	92.6%
SAU800767	MLP100351	27%	95.5%	92.3%
SAU800767	MTU201404	26%	95.9%	92.6%
SAU800767	MGE100105	28%	74.8%	84.3%
SAU800767	MPN100590	25%	58.0%	66.1%
SAU800767	SAU800767	100%	100%	100%
SAU800767	SEP201411	91%	100%	100%
SAU800767	SHA100649	91%	100%	100%
SAU800767	SMU100307	41%	97.5%	100%
SAU800767	SPN401421	44%	90.1%	93.4%
SAU800767	SPY200472	41%	97.5%	100%
SAU800767	UUR100071	26%	97.5%	92.4%
SAU800771	BAN108269	31%	70.0%	69.6%
SAU800771	BAN110794	45%	98.8%	97.7%
SAU800771	BCE114311	21%	72.7%	74.4%
SAU800771	BFU102348	23%	73.0%	74.9%
SAU800771	BMA106496	30%	70.9%	73.2%
SAU800771	CAC100566	40%	100%	98.3%
SAU800771	CBO100266	41%	99.7%	97.4%
SAU800771	CDF100380	39%	99.7%	99.1%
SAU800771	CDP101585	25%	75.1%	72.9%
SAU800771	EBC103770	26%	65.3%	71.7%
SAU800771	EFA204507	43%	97.6%	96.5%
SAU800771	EFM102024	45%	42.4%	98.6%
SAU800771	ECO101483	28%	70.0%	75.1%
SAU800771	KPN300900	26%	58.2%	96.2%
SAU800771	LPN102590	28%	29.1%	26.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800771	LMO102755	46%	100%	98.0%
SAU800771	PMU101646	24%	81.6%	89.3%
SAU800771	PRT100531	23%	76.3%	83.8%
SAU800771	PSY101669	25%	70.3%	80.8%
SAU800771	SPA102585	24%	70.3%	75.2%
SAU800771	STY103167	25%	69.7%	74.6%
SAU800771	SAU800771	100%	100%	100%
SAU800771	SEP201414	81%	100%	100%
SAU800771	SHA101580	81%	99.7%	99.7%
SAU800771	SPN400228	24%	71.8%	77.0%
SAU800771	SPY201573	23%	84.6%	89.9%
SAU800771	VCH103344	21%	77.2%	81.0%
SAU800771	YPS000053	21%	84.6%	91.5%
SAU800772	CJU101322	45%	98.8%	99.1%
SAU800772	CPN200121	46%	99.4%	100%
SAU800772	CTR200781	48%	99.4%	100%
SAU800772	CAC100263	73%	99.1%	99.4%
SAU800772	CDF102031	71%	99.4%	99.7%
SAU800772	CDP100278	53%	99.1%	99.4%
SAU800772	EBC102594	57%	88.1%	99.3%
SAU800772	EFA202219	72%	99.4%	100%
SAU800772	EFM201407	57%	99.4%	100%
SAU800772	ECO202059	58%	98.5%	99.4%
SAU800772	KPN300047	57%	44.3%	91.3%
SAU800772	KPN300286	56%	67.0%	88.9%
SAU800772	KPN305000	56%	97.9%	99.1%
SAU800772	LMO100694	74%	100%	100%
SAU800772	MAV104847	50%	99.1%	99.4%
SAU800772	MBV102165	50%	96.7%	97.1%
SAU800772	MLP100354	49%	96.7%	97.1%
SAU800772	MTU201417	50%	96.7%	97.1%
SAU800772	MGE100307	54%	98.8%	97.9%
SAU800772	MPN100411	55%	98.8%	97.9%
SAU800772	NGO100027	70%	98.8%	92.7%
SAU800772	NME200230	70%	98.8%	99.1%
SAU800772	PMU100924	45%	98.5%	98.5%
SAU800772	SAU800772	100%	100%	100%
SAU800772	SEP201415	92%	100%	100%
SAU800772	SHA101581	92%	100%	100%
SAU800772	SMU100690	68%	100%	100%
SAU800772	SPN401823	69%	100%	93.3%
SAU800772	SPY200203	67%	100%	100%
SAU800772	VCH101970	47%	99.1%	100%
SAU800772	YPS000708	47%	99.1%	99.1%
SAU800776	ABA104568	60%	99.8%	100%
SAU800776	BAN112137	75%	8.5%	100%
SAU800776	BAN104797	55%	99.3%	100%
SAU800776	BAN107021	75%	100%	100%
SAU800776	BFR12193	72%	96.8%	97.4%
SAU800776	BPT101700	62%	99.5%	99.8%
SAU800776	BBU100336	62%	98.8%	98.4%
SAU800776	BCE108074	64%	99.5%	99.8%
SAU800776	BFU100260	65%	66.1%	96.9%
SAU800776	BFU102355	63%	99.5%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800776	BMA107873	60%	49.3%	100%
SAU800776	CJU101577	53%	98.4%	99.8%
SAU800776	CPN201052	57%	95.6%	94.6%
SAU800776	CTR200865	55%	98.4%	98.3%
SAU800776	CAC102398	64%	99.3%	98.6%
SAU800776	CBO103490	65%	99.3%	98.6%
SAU800776	CDF100088	71%	22.6%	100%
SAU800776	CDF100292	69%	100%	96.0%
SAU800776	CDP100889	58%	98.8%	98.8%
SAU800776	EBC102297	58%	98.4%	98.6%
SAU800776	EFA202223	74%	99.5%	99.3%
SAU800776	EFM100534	72%	88.2%	99.2%
SAU800776	ECO102719	58%	98.4%	98.6%
SAU800776	HIN100911	59%	98.6%	98.9%
SAU800776	HPY100151	53%	96.1%	96.7%
SAU800776	KPN305114	58%	98.4%	98.6%
SAU800776	LPN102643	56%	94.9%	96.2%
SAU800776	LMO102639	73%	100%	100%
SAU800776	MCA101099	58%	98.8%	95.5%
SAU800776	MAV105503	58%	98.8%	98.1%
SAU800776	MBV103580	56%	98.8%	95.9%
SAU800776	MLP100182	55%	98.8%	94.2%
SAU800776	MTU201012	56%	98.8%	98.1%
SAU800776	MGE100419	52%	98.8%	96.1%
SAU800776	MPN100236	52%	98.8%	96.5%
SAU800776	NGO100995	62%	100%	100%
SAU800776	NME201361	61%	100%	100%
SAU800776	PMU101871	59%	98.6%	98.8%
SAU800776	PRT101034	58%	98.4%	98.6%
SAU800776	PAE203633	62%	98.8%	99.5%
SAU800776	PPU109835	61%	94.2%	99.5%
SAU800776	PSY104326	61%	98.8%	91.0%
SAU800776	SPA104184	58%	98.4%	98.6%
SAU800776	STY103508	58%	98.4%	98.6%
SAU800776	SAU800776	100%	100%	100%
SAU800776	SEP201419	94%	100%	100%
SAU800776	SHA101585	97%	40.1%	100%
SAU800776	SMU100190	82%	100%	100%
SAU800776	SPN401036	81%	100%	100%
SAU800776	SPY200535	81%	100%	100%
SAU800776	TPA100808	58%	98.8%	98.8%
SAU800776	UUR100184	45%	98.2%	98.9%
SAU800776	VCH102411	57%	98.4%	98.6%
SAU800776	YPS000129	58%	98.4%	98.8%
SAU800777	ECO200746	26%	55.9%	80%
SAU800777	KPN101512	27%	63.2%	72.8%
SAU800777	SAU800777	100%	100%	100%
SAU800777	SEP203649	65%	100%	100%
SAU800777	SHA100415	59%	97.4%	89.7%
SAU800782	ABA100100	42%	96.1%	94.3%
SAU800782	BAN113552	61%	97.4%	96.8%
SAU800782	BFR10554	49%	90.9%	94%
SAU800782	BPT101160	45%	92.9%	92.9%
SAU800782	BBU100033	47%	92.2%	94.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800782	BCE114906	43%	93.5%	98.0%
SAU800782	BFU105731	42%	93.5%	98.0%
SAU800782	BMA109523	42%	93.5%	98.0%
SAU800782	CJU101031	40%	92.2%	96%
SAU800782	CPN200415	47%	100%	90.9%
SAU800782	CTR200342	47%	94.2%	96.0%
SAU800782	CAC101932	60%	98.1%	98.1%
SAU800782	CBO103142	65%	99.4%	98.1%
SAU800782	CDF101608	54%	100%	92.6%
SAU800782	CDP101712	49%	77.9%	94.5%
SAU800782	EBC102473	47%	98.1%	97.5%
SAU800782	EFA201607	62%	92.2%	92.2%
SAU800782	EFM200170	58%	92.2%	92.2%
SAU800782	ECO102567	46%	98.1%	97.5%
SAU800782	HIN100962	47%	98.1%	96.3%
SAU800782	HPY101423	37%	94.2%	96.7%
SAU800782	KPN301267	47%	98.1%	97.5%
SAU800782	LPN103276	45%	96.8%	96.2%
SAU800782	LMO101222	68%	93.5%	93.5%
SAU800782	MCA102816	46%	98.1%	98.1%
SAU800782	MAV101105	47%	98.1%	89.3%
SAU800782	MBV105886	48%	93.5%	90%
SAU800782	MLP100416	50%	93.5%	90%
SAU800782	MTU203060	48%	93.5%	90%
SAU800782	MGE100061	36%	92.2%	97.9%
SAU800782	MPN100081	37%	89.0%	93.2%
SAU800782	NGO100293	45%	92.2%	95.3%
SAU800782	NME201585	45%	92.2%	95.3%
SAU800782	PMU100217	45%	98.1%	96.9%
SAU800782	PRT103727	48%	98.1%	97.5%
SAU800782	PAE204764	45%	96.8%	94.3%
SAU800782	PPU108560	42%	96.8%	93.8%
SAU800782	PSY104780	42%	98.1%	95%
SAU800782	SPA103688	47%	98.1%	97.5%
SAU800782	STY102601	47%	98.1%	97.5%
SAU800782	STM102501	47%	98.1%	97.5%
SAU800782	SAU800782	100%	100%	100%
SAU800782	SEP201423	89%	100%	100%
SAU800782	SHA100862	86%	100%	100%
SAU800782	SMU101107	57%	96.1%	95.5%
SAU800782	SPN400879	60%	92.9%	92.3%
SAU800782	SPY200359	57%	92.2%	91.6%
SAU800782	TPA100182	42%	86.4%	99.3%
SAU800782	UUR100056	41%	92.2%	97.9%
SAU800782	VCH100832	43%	98.7%	98.1%
SAU800782	YPS002052	46%	98.1%	97.5%
SAU800811	BAN100965	20%	36.0%	19.6%
SAU800811	BAN111001	21%	5.3%	7.2%
SAU800811	BAN109365	18%	37.2%	25.7%
SAU800811	BFR100579	20%	33.7%	12.7%
SAU800811	BFR102947	19%	18.3%	20.9%
SAU800811	BFR101444	18%	12.9%	23.1%
SAU800811	BBU100325	24%	20.3%	15.5%
SAU800811	BFU103969	74%	14.0%	25%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800811	BMA101165	50%	12.9%	15.2%
SAU800811	BMA103470	54%	6.8%	27.2%
SAU800811	BMA104606	29%	25.0%	64.3%
SAU800811	CJU101103	18%	29.5%	62.5%
SAU800811	CPN200033	17%	32.8%	29.9%
SAU800811	CAC102616	22%	19.1%	39.3%
SAU800811	CBO103272	14%	21.1%	59.3%
SAU800811	CBO103679	27%	2.9%	19.6%
SAU800811	CDF101661	24%	37.6%	65.9%
SAU800811	EFA203524	24%	25.1%	30.4%
SAU800811	EFM201584	17%	48.0%	58.5%
SAU800811	ECO103311	23%	25.0%	61.0%
SAU800811	HPY200074	17%	45.8%	33.9%
SAU800811	KPN206267	72%	35.0%	26.5%
SAU800811	LPN101461	35%	37.2%	43.2%
SAU800811	LMO101963	21%	15.3%	35.6%
SAU800811	LMO102167	36%	30.1%	60.9%
SAU800811	MCA100440	24%	6.2%	11.5%
SAU800811	MAV104123	30%	29.4%	12.4%
SAU800811	MBV101055	29%	9.7%	55.6%
SAU800811	MLP100905	30%	10.1%	63.1%
SAU800811	MTU202408	29%	9.7%	53.4%
SAU800811	MGE100318	19%	47.5%	39.7%
SAU800811	MPN100275	10%	32.2%	8.9%
SAU800811	MPN100632	24%	19.9%	24.1%
SAU800811	NME201599	17%	1.1%	11.9%
SAU800811	PAE203113	26%	4.6%	24.3%
SAU800811	PSY101467	16%	17.1%	60.2%
SAU800811	PSY103818	29%	8.9%	60.2%
SAU800811	PSY108790	15%	25.8%	26.2%
SAU800811	SPA103181	23%	38.0%	45.5%
SAU800811	STM102835	21%	34.5%	12.4%
SAU800811	SAU802630	40%	99.6%	98.7%
SAU800811	SAU800811	100%	100%	100%
SAU800811	SEP200110	28%	95.2%	26.3%
SAU800811	SHA100540	29%	96.3%	86.9%
SAU800811	SHA102998	26%	96.9%	59.9%
SAU800811	SHA100562	74%	38.6%	7.1%
SAU800811	SMU100238	24%	13.6%	20.4%
SAU800811	SMU100747	22%	20.5%	31.1%
SAU800811	SMU102548	21%	9.0%	25.0%
SAU800811	SPN401402	21%	95.4%	92.4%
SAU800811	SPY201545	24%	80.9%	60.7%
SAU800811	TPA100177	18%	34.2%	60.4%
SAU800824	ABA100587	27%	92.7%	95.0%
SAU800824	BAN104019	31%	42.5%	39.5%
SAU800824	BAN110518	27%	93.3%	86.8%
SAU800824	BFU103528	27%	98.4%	90.6%
SAU800824	CAC102383	28%	96.9%	93.9%
SAU800824	CDP100459	25%	93.8%	50.7%
SAU800824	EFM200186	26%	93.3%	88.5%
SAU800824	ECO100628	27%	95.3%	89.2%
SAU800824	KPN302086	27%	90.2%	84.2%
SAU800824	LMO101118	50%	98.4%	93.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800824	MCA101119	29%	79.3%	75.1%
SAU800824	PMU100634	32%	78.2%	72.2%
SAU800824	PRT104691	27%	91.2%	85.1%
SAU800824	PAE201279	28%	79.8%	79.4%
SAU800824	PPU104544	24%	88.6%	92.0%
SAU800824	PSY104527	28%	93.8%	96.8%
SAU800824	SPA100941	27%	90.2%	84.2%
SAU800824	STY100639	27%	90.2%	84.2%
SAU800824	STM100395	27%	90.2%	84.2%
SAU800824	SAU800824	100%	100%	100%
SAU800824	SEP201439	54%	99.0%	98.5%
SAU800824	SHA102912	57%	99.0%	95.0%
SAU800824	SMU100876	47%	99.0%	96.0%
SAU800824	SPN400219	26%	95.9%	83.1%
SAU800824	SPY201361	30%	94.8%	89.4%
SAU800829	ABA105130	32%	88.7%	75.5%
SAU800829	CDF103551	32%	92.9%	85.7%
SAU800829	EFA201048	30%	96.2%	88.5%
SAU800829	EFM201252	31%	92.9%	88.1%
SAU800829	ECO101661	30%	97.5%	94.8%
SAU800829	KPN303925	30%	84.5%	78.8%
SAU800829	LMO100162	31%	96.2%	88.5%
SAU800829	NGO100151	29%	96.6%	88.2%
SAU800829	NME201519	29%	84.9%	75.8%
SAU800829	SPA103732	33%	91.6%	86.5%
SAU800829	STY101078	33%	91.6%	86.5%
SAU800829	SAU800829	100%	100%	100%
SAU800829	SEP201442	52%	100%	99.2%
SAU800829	SHA101462	48%	100%	98.8%
SAU800829	SMU100082	31%	96.6%	95.6%
SAU800829	SPN401234	29%	96.2%	96%
SAU800829	SPY200601	28%	96.2%	94.7%
SAU800830	ABA104578	23%	98.9%	94.8%
SAU800830	BAN104689	29%	87.2%	84.0%
SAU800830	BAN103413	31%	87.2%	83.9%
SAU800830	BPT101113	27%	92.2%	88.7%
SAU800830	BCE112795	25%	78.2%	60.7%
SAU800830	BMA100377	25%	79.3%	71.0%
SAU800830	CDF102776	22%	95.5%	95.0%
SAU800830	CDF103563	23%	97.8%	98.0%
SAU800830	EBC102075	20%	88.3%	87.4%
SAU800830	ECO101733	19%	88.3%	87.4%
SAU800830	KPN301345	20%	88.3%	87.4%
SAU800830	LMO102654	30%	96.1%	94.8%
SAU800830	MCA100181	24%	92.2%	90.6%
SAU800830	MAV100507	27%	26.3%	21.5%
SAU800830	MBV103592	27%	81.6%	36.6%
SAU800830	MLP100459	27%	81.6%	35.9%
SAU800830	MTU203219	27%	81.6%	36.6%
SAU800830	NGO101477	22%	97.8%	96.2%
SAU800830	NME201743	23%	97.8%	96.2%
SAU800830	PMU100672	21%	97.8%	96.2%
SAU800830	PRT105285	24%	88.3%	87.4%
SAU800830	PAE203206	26%	69.8%	69.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800830	PPU101058	27%	88.3%	87.0%
SAU800830	PSY103113	25%	88.3%	87.1%
SAU800830	SAU800830	100%	100%	100%
SAU800830	SEP201443	74%	98.9%	98.3%
SAU800830	SHA100075	74%	91.1%	100%
SAU800830	VCH101029	22%	95.5%	95.1%
SAU800830	YPS000723	21%	88.3%	87.4%
SAU800838	BAN100632	51%	18.6%	81.1%
SAU800838	BAN105551	62%	78.8%	89.7%
SAU800838	BAN106583	60%	93.9%	98.2%
SAU800838	EBC102427	64%	93.5%	97.3%
SAU800838	EFA201706	65%	88.3%	89.5%
SAU800838	EFM202624	52%	100%	100%
SAU800838	LMO100272	63%	93.5%	96.4%
SAU800838	PAE205499	50%	92.6%	95.1%
SAU800838	PPU101954	50%	90.0%	93.3%
SAU800838	PSY101361	52%	90.0%	92.9%
SAU800838	SAU800838	100%	100%	100%
SAU800838	SEP201450	89%	100%	100%
SAU800838	SHA100333	90%	100%	97.5%
SAU800838	SMU100477	47%	89.6%	90.0%
SAU800838	SPN400150	45%	89.6%	89.6%
SAU800838	SPY200235	49%	89.2%	93.2%
SAU800839	BAN108234	42%	90.1%	94.7%
SAU800839	BAN111019	47%	99.3%	98.9%
SAU800839	BAN112085	54%	100%	99.6%
SAU800839	BAN109409	54%	99.3%	98.9%
SAU800839	BPT102993	45%	88.6%	90.5%
SAU800839	BCE106577	41%	89.0%	82.0%
SAU800839	BFU102709	38%	97.4%	97.8%
SAU800839	BMA104983	39%	98.9%	98.9%
SAU800839	CJU100710	36%	95.2%	98.4%
SAU800839	CJU100709	39%	88.6%	91.5%
SAU800839	CJU101125	44%	88.6%	89.3%
SAU800839	CJU100711	50%	87.9%	90.7%
SAU800839	CPN200473	32%	98.9%	97.4%
SAU800839	CAC100740	44%	99.6%	99.6%
SAU800839	CBO102481	28%	98.9%	98.2%
SAU800839	CBO101824	45%	99.3%	98.9%
SAU800839	CBO103909	48%	98.9%	98.1%
SAU800839	CDF100529	45%	99.6%	98.9%
SAU800839	EBC102434	50%	95.2%	97.8%
SAU800839	EFA201707	50%	99.3%	98.9%
SAU800839	EFM201963	50%	99.6%	97.9%
SAU800839	ECO100197	36%	98.2%	97.0%
SAU800839	HPY101541	40%	91.2%	90.4%
SAU800839	KPN301905	36%	98.2%	97.0%
SAU800839	LMO102507	50%	99.3%	98.9%
SAU800839	MPN100427	27%	23.8%	25.8%
SAU800839	NGO101326	31%	99.6%	97.2%
SAU800839	NME200471	31%	99.6%	97.2%
SAU800839	PMU101730	35%	98.9%	98.2%
SAU800839	PRT100159	35%	98.2%	97.0%
SAU800839	PAE205500	42%	96.7%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800839	PPU101952	42%	87.9%	91.8%
SAU800839	PSY101363	42%	99.6%	99.6%
SAU800839	SPA101556	31%	94.5%	92.4%
SAU800839	STY103993	38%	98.2%	97.0%
SAU800839	STM100616	31%	94.5%	92.4%
SAU800839	SAU800839	100%	100%	100%
SAU800839	SEP201451	82%	100%	100%
SAU800839	SHA101832	61%	99.3%	98.5%
SAU800839	SHA100334	83%	100%	100%
SAU800839	TPA100812	30%	98.5%	96.3%
SAU800839	YPS002011	36%	98.2%	97.0%
SAU800842	BAN103123	63%	97.2%	94.3%
SAU800842	BAN101569	80%	98.0%	95.0%
SAU800842	BFR11712	54%	97.2%	99.2%
SAU800842	BMA108445	37%	26.9%	1.5%
SAU800842	CPN200053	41%	95.3%	96.9%
SAU800842	CTR200057	41%	94.5%	96.1%
SAU800842	CAC102249	49%	94.1%	95.2%
SAU800842	CDF101006	31%	90.1%	90.9%
SAU800842	CDP100230	59%	82.2%	98.1%
SAU800842	EBC102240	51%	93.7%	99.6%
SAU800842	EFA200429	77%	98.0%	96.9%
SAU800842	EFM200729	74%	98.0%	96.5%
SAU800842	ECO101650	52%	96.4%	99.2%
SAU800842	KPN301757	53%	93.7%	99.6%
SAU800842	LPN102354	51%	96.0%	98%
SAU800842	LMO100672	79%	98.0%	95.0%
SAU800842	MAV103629	54%	94.9%	95.4%
SAU800842	MBV100927	56%	94.1%	91.7%
SAU800842	MLP100376	54%	94.9%	95.4%
SAU800842	MTU201442	56%	94.1%	91.7%
SAU800842	PRT102237	53%	95.3%	98.0%
SAU800842	SPA103735	52%	96.4%	99.2%
SAU800842	STY101052	52%	96.4%	99.2%
SAU800842	STM103512	52%	96.4%	99.2%
SAU800842	SAU800842	100%	100%	100%
SAU800842	SEP201453	96%	100%	100%
SAU800842	SHA102188	96%	100%	100%
SAU800842	SMU101500	75%	98.0%	96.9%
SAU800842	SPN400771	75%	98.0%	94.3%
SAU800842	SPY200210	71%	98.0%	96.9%
SAU800842	TPA100604	47%	95.7%	92.7%
SAU800842	YPS002982	51%	96.4%	99.2%
SAU800845	ABA105638	43%	51.3%	64.8%
SAU800845	BAN104147	70%	82.5%	95.5%
SAU800845	BAN105227	71%	90.3%	96.5%
SAU800845	BFR104306	36%	28.6%	18.9%
SAU800845	BPT100541	34%	93.5%	94.9%
SAU800845	BCE107071	35%	92.9%	94.1%
SAU800845	BFU114961	35%	94.2%	95.6%
SAU800845	BMA104959	37%	90.9%	87.7%
SAU800845	CJU100212	27%	53.9%	28.8%
SAU800845	CAC102210	36%	87.0%	95.1%
SAU800845	CBO101838	33%	84.4%	78.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800845	CDF100896	32%	85.7%	78.1%
SAU800845	CDP100224	42%	92.2%	98.7%
SAU800845	EBC103106	32%	90.3%	96.9%
SAU800845	EFA200432	53%	96.1%	94.8%
SAU800845	EFM200870	51%	89.6%	88.5%
SAU800845	ECO102480	33%	90.3%	96.9%
SAU800845	HIN100356	45%	51.3%	65.9%
SAU800845	HPY100217	24%	94.2%	43.9%
SAU800845	KPN305521	32%	90.3%	96.9%
SAU800845	LPN102581	40%	85.7%	88.6%
SAU800845	LMO102434	58%	94.2%	98.6%
SAU800845	MCA100833	43%	51.3%	65.4%
SAU800845	MAV103625	35%	93.5%	96.1%
SAU800845	MBV100931	36%	96.1%	93.8%
SAU800845	MLP100378	38%	96.1%	91.5%
SAU800845	MTU201444	36%	96.1%	93.8%
SAU800845	MGE100346	22%	55.8%	63.0%
SAU800845	MPN100354	24%	58.4%	65%
SAU800845	NGO101047	44%	51.9%	65.6%
SAU800845	NME201455	44%	51.9%	65.6%
SAU800845	PMU100319	32%	90.3%	96.9%
SAU800845	PRT102918	31%	90.9%	97.7%
SAU800845	PAE203810	35%	83.1%	88.3%
SAU800845	PPU109766	31%	83.1%	88.3%
SAU800845	PSY103769	31%	83.1%	88.3%
SAU800845	SPA100052	44%	51.3%	68.0%
SAU800845	STY105166	32%	90.3%	96.9%
SAU800845	SAU800845	100%	100%	100%
SAU800845	SEP201458	95%	100%	100%
SAU800845	SHA102191	96%	99.4%	100%
SAU800845	SMU101506	47%	93.5%	99.3%
SAU800845	SPN400774	45%	89.6%	94.5%
SAU800845	SPY200213	44%	99.4%	95.0%
SAU800845	TPA100608	32%	83.8%	89.1%
SAU800845	UUR100458	30%	86.4%	87.1%
SAU800845	VCH100736	43%	51.3%	65.4%
SAU800845	YPS006083	40%	51.3%	64.8%
SAU800920	ABA103984	34%	90.7%	92.5%
SAU800920	BAN109941	42%	97.7%	99.1%
SAU800920	BAN109931	43%	98.3%	95.9%
SAU800920	BFR10878	32%	81.4%	77.7%
SAU800920	BPT102310	24%	55.5%	58.2%
SAU800920	BCE107000	43%	61.7%	85.2%
SAU800920	BFU102931	27%	81.4%	70%
SAU800920	BMA109386	40%	88.2%	95.4%
SAU800920	CJU101195	26%	79.4%	78.0%
SAU800920	CAC101529	33%	91.3%	89.7%
SAU800920	CBO100347	31%	99.2%	99.4%
SAU800920	CDF100344	43%	18.3%	90.3%
SAU800920	CDF101769	34%	98.0%	96.5%
SAU800920	EFA200241	32%	97.5%	96.2%
SAU800920	HPY100760	34%	35.8%	35.0%
SAU800920	KPN303298	38%	91.0%	92.6%
SAU800920	LPN101854	42%	95.8%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800920	LMO102611	32%	97.5%	97.4%
SAU800920	MAV106430	34%	93.8%	97.3%
SAU800920	MBV101237	32%	93.5%	95.9%
SAU800920	MTU202743	32%	93.5%	95.9%
SAU800920	NGO100380	29%	23.9%	22.0%
SAU800920	NME201526	26%	23.9%	22.0%
SAU800920	PAE204199	35%	96.9%	98.9%
SAU800920	PPU110056	33%	96.6%	95.6%
SAU800920	PSY105312	44%	43.1%	84.4%
SAU800920	SAU800920	100%	100%	100%
SAU800920	SEP100265	56%	98.6%	98.6%
SAU800920	SHA100955	68%	99.2%	98.9%
SAU800920	SMU100545	35%	78.9%	72.9%
SAU800920	SPN400379	33%	91.3%	87.3%
SAU800920	SPY201350	36%	81.4%	75.2%
SAU800924	ABA101031	46%	92.5%	86.0%
SAU800924	ABA105312	47%	92.1%	82.2%
SAU800924	BAN108575	69%	89.8%	99.6%
SAU800924	BAN112410	76%	97.7%	99.7%
SAU800924	BFR10610	47%	93.1%	97.6%
SAU800924	BPT101468	48%	93.4%	85.9%
SAU800924	BCE114309	50%	93.4%	86.7%
SAU800924	BFU109309	51%	93.4%	83.1%
SAU800924	BMA108104	51%	93.4%	86.9%
SAU800924	CPN201019	47%	90.5%	89.6%
SAU800924	CTR200836	45%	94.4%	92.9%
SAU800924	CDP100404	40%	63.0%	80.2%
SAU800924	EBC101385	52%	94.1%	89.7%
SAU800924	ECO100618	51%	94.1%	89.7%
SAU800924	HIN100025	52%	93.4%	89.4%
SAU800924	KPN302685	51%	94.1%	89.7%
SAU800924	LPN101740	52%	92.5%	92.8%
SAU800924	MCA103689	45%	92.1%	77.8%
SAU800924	MAV106038	46%	94.4%	92.8%
SAU800924	MBV104457	45%	94.4%	91.6%
SAU800924	MLP100518	46%	93.4%	89.8%
SAU800924	MTU202184	45%	94.4%	91.6%
SAU800924	NGO100285	50%	94.8%	88.1%
SAU800924	NME201265	50%	94.8%	88.1%
SAU800924	PMU101930	51%	92.8%	88.8%
SAU800924	PRT102872	51%	94.1%	89.7%
SAU800924	PAE203993	44%	93.1%	86.9%
SAU800924	PPU107592	46%	93.8%	85.4%
SAU800924	PSY105080	46%	93.4%	85.1%
SAU800924	SPA102529	49%	94.1%	89.7%
SAU800924	STY101450	50%	94.1%	89.7%
SAU800924	SAU800924	100%	100%	100%
SAU800924	SEP201476	95%	99.7%	100%
SAU800924	SHA100744	95%	99.3%	98.4%
SAU800924	VCH100927	51%	94.1%	89.7%
SAU800924	YPS001177	53%	94.1%	89.7%
SAU800925	BAN102521	51%	70.9%	100%
SAU800925	BAN107044	51%	70.9%	89.1%
SAU800925	EFA200745	42%	74.0%	45.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800925	EFM200884	47%	72.4%	40.9%
SAU800925	LMO101257	55%	67.7%	94.5%
SAU800925	SAU800925	100%	100%	100%
SAU800925	SEP201478	77%	99.2%	93.8%
SAU800925	SHA100745	70%	100%	97.7%
SAU800925	SMU100024	47%	74.0%	51.6%
SAU800925	SPN400675	48%	63.0%	44.9%
SAU800925	SPY201183	52%	66.9%	39.3%
SAU800931	BAN105857	53%	58%	62.5%
SAU800931	SAU800931	100%	100%	100%
SAU800931	SEP202312	78%	94%	97.9%
SAU800931	SHA103119	90%	80%	81.6%
SAU800931	SPY103176	46%	58%	76.9%
SAU800932	BAN108686	39%	98.1%	98.8%
SAU800932	BAN113463	44%	98.1%	98.4%
SAU800932	BPT102923	35%	96.1%	94.3%
SAU800932	CJU101231	29%	94.2%	93.8%
SAU800932	CDF103976	38%	96.9%	98.0%
SAU800932	EBC102291	36%	95.7%	93.7%
SAU800932	EFA200814	42%	99.8%	99.6%
SAU800932	EFM201145	41%	95.7%	95.6%
SAU800932	LMO100987	40%	99.6%	99.4%
SAU800932	SAU800932	100%	100%	100%
SAU800932	SEP201491	75%	100%	100%
SAU800932	SHA100310	72%	99.8%	99.8%
SAU800932	SMU100418	32%	99.4%	98.4%
SAU800932	SPN401979	35%	94.4%	99.0%
SAU800932	SPY201011	38%	99.4%	99.0%
SAU800932	VCH101555	28%	71.5%	63.5%
SAU800942	ABA101554	36%	72.5%	73.0%
SAU800942	BAN111566	30%	76.4%	80.9%
SAU800942	BAN105261	36%	84.5%	84.4%
SAU800942	BPT101764	38%	66.4%	64.9%
SAU800942	BCE113716	32%	85.3%	83.1%
SAU800942	BFU111857	31%	98.4%	94.9%
SAU800942	BMA108381	31%	98.4%	95.8%
SAU800942	CJU100859	36%	72.3%	75.6%
SAU800942	CPN200364	33%	95.5%	91.0%
SAU800942	CTR200310	31%	90.4%	89.6%
SAU800942	CDF101233	32%	88.2%	89.9%
SAU800942	CDP100388	37%	71.9%	71%
SAU800942	EBC104062	35%	72.9%	71.8%
SAU800942	ECO104150	35%	72.9%	71.8%
SAU800942	HIN101670	32%	100%	99.6%
SAU800942	HPY100563	35%	71.9%	74.4%
SAU800942	KPN303509	35%	72.9%	71.8%
SAU800942	LPN102543	38%	65.0%	65.0%
SAU800942	MCA103090	37%	72.9%	77.3%
SAU800942	MAV101182	36%	71.1%	68.5%
SAU800942	MBV104444	36%	71.1%	68.7%
SAU800942	MLP100524	36%	71.1%	67.7%
SAU800942	MTU202179	36%	71.1%	68.9%
SAU800942	MGE100403	34%	61.3%	67.6%
SAU800942	MPN100270	38%	59.7%	65.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800942	NGO101321	38%	75.6%	78.2%
SAU800942	NME201617	39%	75.6%	78.2%
SAU800942	PMU100195	29%	100%	99.2%
SAU800942	PRT100707	36%	71.9%	84.7%
SAU800942	PAE203828	36%	92.7%	87.5%
SAU800942	PPU104070	34%	85.3%	92.9%
SAU800942	PSY104267	35%	85.3%	89.1%
SAU800942	SPA100451	36%	71.9%	87.9%
SAU800942	STY104012	35%	72.9%	71.8%
SAU800942	SAU800942	100%	100%	100%
SAU800942	SEP201511	59%	100%	99.6%
SAU800942	SHA100914	59%	99.6%	99.8%
SAU800942	UUR100512	34%	77.8%	83.1%
SAU800942	VCH102465	36%	71.9%	70.6%
SAU800942	YPS000931	36%	72.9%	71.8%
SAU800951	PMU101172	29%	69.0%	38.8%
SAU800951	SAU800951	100%	100%	100%
SAU800951	SEP200154	84%	100%	98.6%
SAU800951	SHA101855	71%	100%	99.3%
SAU800952	ABA105732	38%	98.9%	82.8%
SAU800952	BAN107647	33%	46.2%	61.2%
SAU800952	BAN110840	34%	60.0%	73.7%
SAU800952	BFR11026	33%	61.4%	76.5%
SAU800952	BPT102936	35%	98.0%	79.5%
SAU800952	BBU100411	24%	20.5%	56.0%
SAU800952	BCE105760	30%	52.9%	60.2%
SAU800952	BMA103273	30%	52.9%	60.5%
SAU800952	CJU101474	33%	52.8%	66.1%
SAU800952	CBO101784	33%	10.4%	85%
SAU800952	CDP101683	30%	97.5%	83.4%
SAU800952	EBC104021	28%	70.5%	87.6%
SAU800952	ECO102236	29%	70.5%	87.6%
SAU800952	HPY101254	30%	70.3%	86.8%
SAU800952	KPN303099	27%	70.5%	87.6%
SAU800952	LMO101343	51%	99.4%	99.8%
SAU800952	MAV103503	34%	52.8%	64.2%
SAU800952	MBV105172	31%	60.5%	72.4%
SAU800952	MTU203113	31%	60.5%	72.4%
SAU800952	NGO100646	28%	60.8%	74.5%
SAU800952	NME200002	29%	60.8%	74.5%
SAU800952	PMU101184	29%	12.2%	31.8%
SAU800952	PRT104399	31%	61.4%	78.6%
SAU800952	PAE201053	38%	97.6%	81.7%
SAU800952	PPU111359	34%	98.0%	80.1%
SAU800952	PSY104130	35%	91.3%	78.0%
SAU800952	SPA100263	30%	44.4%	84.3%
SAU800952	STY100604	28%	70.5%	87.6%
SAU800952	SAU800952	100%	100%	100%
SAU800952	SEP200156	80%	100%	100%
SAU800952	SHA101854	78%	100%	99.5%
SAU800952	SMU100737	27%	20.0%	74.6%
SAU800952	VCH102892	34%	94.1%	81.9%
SAU800952	YPS000434	29%	70.5%	87.8%
SAU800962	ABA104828	21%	78.1%	66.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800962	BAN107886	49%	98.2%	100%
SAU800962	BAN113216	70%	99.8%	99.3%
SAU800962	BFR10381	50%	99.3%	100%
SAU800962	BPT100657	27%	80.1%	72.2%
SAU800962	BBU100729	24%	81.0%	69.5%
SAU800962	BCE100058	24%	84.0%	68.0%
SAU800962	BFU101343	24%	81.3%	68.5%
SAU800962	BMA107745	24%	83.3%	69.4%
SAU800962	CJU101444	30%	79.2%	84.5%
SAU800962	CPN200812	24%	87.4%	75.1%
SAU800962	CTR200647	25%	84.9%	72.7%
SAU800962	CAC100048	64%	99.1%	98.7%
SAU800962	CBO102016	60%	99.3%	97.8%
SAU800962	CDF103720	63%	100%	99.8%
SAU800962	CDP100102	25%	78.1%	66.9%
SAU800962	EBC103837	24%	78.1%	67.5%
SAU800962	EFA202329	64%	100%	100%
SAU800962	EFM202538	66%	100%	100%
SAU800962	ECO103919	28%	48.3%	38.3%
SAU800962	HIN101544	23%	93.9%	78.5%
SAU800962	HPY101149	24%	81.9%	71.0%
SAU800962	KPN302607	24%	78.1%	66.7%
SAU800962	LPN103064	21%	35.4%	71.7%
SAU800962	LMO101990	67%	100%	99.6%
SAU800962	MCA101062	23%	77.9%	67.5%
SAU800962	MAV105583	23%	79.5%	66.8%
SAU800962	MBV101975	24%	79.5%	66.9%
SAU800962	MLP100108	23%	79.9%	67.1%
SAU800962	MTU200937	24%	79.5%	66.9%
SAU800962	MGE100113	34%	95.7%	97.5%
SAU800962	MPN100582	33%	92.6%	94.9%
SAU800962	NGO101248	24%	84.0%	69.7%
SAU800962	NME201465	24%	84.0%	72.3%
SAU800962	PMU100416	24%	78.1%	66.8%
SAU800962	PRT101480	23%	78.1%	66.8%
SAU800962	PAE204728	20%	91.6%	74.2%
SAU800962	PPU108446	22%	82.6%	69.0%
SAU800962	PPU108272	22%	82.6%	69.0%
SAU800962	PSY100665	23%	49.0%	38.6%
SAU800962	SPA103272	28%	48.3%	38.5%
SAU800962	STY101906	24%	78.1%	66.7%
SAU800962	STM102761	24%	78.1%	66.7%
SAU800962	SAU800962	100%	100%	100%
SAU800962	SEP200169	90%	100%	100%
SAU800962	SHA100475	100%	12.2%	100%
SAU800962	SHA101567	92%	100%	100%
SAU800962	SHA102448	92%	100%	100%
SAU800962	SMU100622	62%	100%	100%
SAU800962	SPN401879	63%	100%	100%
SAU800962	SPY200159	63%	100%	100%
SAU800962	TPA100471	23%	87.8%	77.2%
SAU800962	VCH100369	23%	78.1%	66.5%
SAU800962	YPS003348	24%	78.1%	66.8%
SAU800965	ABA104917	27%	91.6%	80%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800965	BAN110074	48%	78.0%	98.6%
SAU800965	BAN104864	45%	96.9%	96.8%
SAU800965	BFR104933	52%	23.6%	38.8%
SAU800965	BFR102922	35%	56.5%	48.0%
SAU800965	BFR103785	30%	92.7%	93.2%
SAU800965	BPT102614	32%	90.1%	74.1%
SAU800965	BBU100262	24%	86.9%	94.0%
SAU800965	BCE109420	30%	92.1%	73.4%
SAU800965	BFU101296	31%	92.1%	73.4%
SAU800965	BMA103433	33%	92.1%	73.4%
SAU800965	CJU100795	25%	94.2%	87.9%
SAU800965	CPN200652	47%	22.5%	54.6%
SAU800965	CTR200284	45%	22.5%	54.5%
SAU800965	CAC103745	37%	91.6%	90.2%
SAU800965	CBO101026	33%	94.2%	93.8%
SAU800965	CBO103680	34%	91.6%	93.1%
SAU800965	CDF102071	38%	93.7%	94.9%
SAU800965	CDF103915	41%	93.7%	94.9%
SAU800965	CDF100857	42%	92.1%	91.2%
SAU800965	CDP101133	26%	92.7%	84.1%
SAU800965	EBC102413	23%	91.1%	75.9%
SAU800965	EFA201207	39%	92.7%	92.4%
SAU800965	EFA201464	42%	93.2%	92.3%
SAU800965	EFA202010	33%	85.3%	95.2%
SAU800965	EFA200470	36%	88.5%	63.9%
SAU800965	EFM200768	51%	55.5%	82.1%
SAU800965	ECO102519	23%	91.1%	75.9%
SAU800965	HIN100014	24%	88.5%	69.1%
SAU800965	HPY100569	22%	89.5%	81.0%
SAU800965	KPN303155	34%	91.1%	75.9%
SAU800965	LMO101081	45%	85.3%	88.3%
SAU800965	MCA102001	26%	91.6%	66.8%
SAU800965	MAV102887	26%	93.7%	76.9%
SAU800965	MBV102295	27%	93.7%	75.2%
SAU800965	MLP100983	26%	93.7%	78.9%
SAU800965	MTU202865	27%	93.7%	75.2%
SAU800965	NGO100038	27%	85.9%	67.3%
SAU800965	NME200899	28%	85.9%	78.1%
SAU800965	PMU100062	26%	86.9%	67.4%
SAU800965	PRT105741	25%	99.0%	80.2%
SAU800965	PAE200767	29%	89.5%	72.2%
SAU800965	PAE201302	33%	78.0%	76.5%
SAU800965	PPU107909	28%	93.2%	75.7%
SAU800965	PSY102320	27%	93.2%	75.7%
SAU800965	SPA100368	33%	44.0%	40.7%
SAU800965	STY102115	33%	85.9%	72.8%
SAU800965	SAU800965	100%	100%	100%
SAU800965	SEP200178	79%	100%	100%
SAU800965	SHA101671	75%	99.5%	100%
SAU800965	SMU101279	38%	94.8%	97.4%
SAU800965	SPN400364	35%	92.7%	95.6%
SAU800965	SPY201418	36%	93.7%	97.5%
SAU800965	TPA100183	24%	90.1%	89.4%
SAU800965	VCH102426	29%	87.4%	72.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800965	YPS002228	36%	90.1%	74.7%
SAU800966	BAN101759	25%	99.4%	99.8%
SAU800966	BAN107464	32%	98.3%	98.6%
SAU800966	CAC100694	28%	98.3%	97.9%
SAU800966	CBO102997	28%	97.8%	97.7%
SAU800966	CDF103113	27%	98.5%	99.0%
SAU800966	EFA201462	24%	94.7%	94.1%
SAU800966	EFM200885	24%	99.2%	99.4%
SAU800966	LMO100290	30%	97.9%	98.2%
SAU800966	PRT100901	22%	30.9%	31.9%
SAU800966	SAU800966	100%	100%	100%
SAU800966	SEP200180	72%	99.2%	99.1%
SAU800966	SHA101672	70%	99.4%	99.1%
SAU800966	SMU100470	21%	86.7%	86.8%
SAU800966	SPN401039	19%	82.7%	83.9%
SAU800966	SPY200571	20%	93.5%	93.6%
SAU800967	BAN111196	34%	98.5%	99.1%
SAU800967	BAN105909	36%	99.2%	98.8%
SAU800967	BFR102381	20%	70.3%	78.2%
SAU800967	BBU100632	21%	97.0%	94.2%
SAU800967	CTR200007	20%	77.5%	80.6%
SAU800967	CAC103739	32%	98.8%	99.0%
SAU800967	CBO101540	32%	98.8%	99.1%
SAU800967	CDF102097	31%	98.0%	98.4%
SAU800967	EBC102605	21%	97.5%	95.7%
SAU800967	EFA201460	32%	99.8%	98.2%
SAU800967	EFM200194	34%	98.8%	98.4%
SAU800967	LMO102657	35%	99.4%	98.7%
SAU800967	SAU800967	100%	100%	100%
SAU800967	SEP200182	75%	99.8%	99.3%
SAU800967	SHA101673	66%	99.8%	99.2%
SAU800967	SMU100467	30%	98.2%	96.6%
SAU800967	SPN401040	30%	98.2%	96.6%
SAU800967	SPY200572	29%	98.2%	96.5%
SAU800967	TPA100888	20%	98.6%	97.3%
SAU800968	ABA100124	32%	66.3%	92.0%
SAU800968	BAN101423	36%	93.7%	100%
SAU800968	BAN104355	41%	99.3%	99.7%
SAU800968	BFR11202	30%	58.3%	87.7%
SAU800968	BPT105862	36%	69.3%	73.1%
SAU800968	BCE110171	39%	65.7%	70.7%
SAU800968	BFU110006	43%	77.7%	79.6%
SAU800968	BMA105697	38%	65.7%	66.9%
SAU800968	CJU100021	40%	70.7%	75%
SAU800968	CDF103166	34%	99.3%	97.7%
SAU800968	CDF101613	42%	71%	73.3%
SAU800968	CDP100223	32%	73.3%	77.0%
SAU800968	EBC102101	34%	100%	96.5%
SAU800968	ECO101153	31%	69.3%	93.2%
SAU800968	KPN303993	36%	83%	2.4%
SAU800968	LPN100114	24%	40.7%	38.9%
SAU800968	LMO102616	40%	100%	99.6%
SAU800968	MCA102285	29%	59.7%	83.8%
SAU800968	MAV100179	35%	73%	79.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800968	MBV101328	36%	73%	79.6%
SAU800968	MLP101033	35%	73%	88.4%
SAU800968	MTU202955	36%	73%	88.3%
SAU800968	NGO100109	27%	66%	89.4%
SAU800968	NME201411	28%	66%	89.4%
SAU800968	PMU101529	37%	81%	92.5%
SAU800968	PRT105162	32%	59.7%	83.5%
SAU800968	PAE204119	35%	81%	91.1%
SAU800968	PPU102070	31%	59.7%	82.8%
SAU800968	PSY107523	29%	69.3%	92.8%
SAU800968	SPA104517	38%	68%	93.0%
SAU800968	STY103635	35%	88%	8.6%
SAU800968	STM104158	34%	99.3%	94.2%
SAU800968	SAU800968	100%	100%	100%
SAU800968	SEP200184	87%	100%	99.7%
SAU800968	SHA101674	89%	100%	99.7%
SAU800968	VCH103722	25%	65%	90.7%
SAU800968	YPS003019	34%	82%	93.6%
SAU800974	ABA104297	26%	56.3%	94.9%
SAU800974	BAN111897	23%	49.3%	76.8%
SAU800974	BFR101716	26%	57.1%	87.9%
SAU800974	BCE100247	32%	57.3%	50.9%
SAU800974	BCE111953	32%	57.3%	49.5%
SAU800974	CJU101565	25%	43.2%	55.9%
SAU800974	CDP100706	37%	62.4%	98.7%
SAU800974	EFA200943	35%	97.5%	97.8%
SAU800974	EFM101912	38%	28.3%	100%
SAU800974	KPN309179	29%	13.1%	16.1%
SAU800974	NGO101759	32%	63.6%	57.9%
SAU800974	NME202037	32%	65.7%	61.4%
SAU800974	PSY104429	31%	61.6%	54.0%
SAU800974	STM100162	31%	58.3%	53.9%
SAU800974	SAU800974	100%	100%	100%
SAU800974	SEP200198	68%	98.3%	98.0%
SAU800974	SHA100654	67%	99.2%	98.2%
SAU800974	YPS001466	22%	19.5%	20.5%
SAU800975	ABA101867	51%	99.8%	99.9%
SAU800975	BAN105594	32%	21.2%	100%
SAU800975	BAN100493	44%	26.6%	99.1%
SAU800975	BAN103472	53%	43.2%	91.0%
SAU800975	BAN107108	60%	99.5%	100%
SAU800975	BFR10905	38%	81.2%	79.4%
SAU800975	BFR101559	50%	98.6%	99.3%
SAU800975	BPT101928	53%	98.2%	98.5%
SAU800975	BCE108256	52%	99.3%	99.5%
SAU800975	BFU101142	53%	75.1%	98.9%
SAU800975	BMA104295	52%	98.3%	98.6%
SAU800975	CJU100472	48%	98.0%	98.4%
SAU800975	CPN200617	46%	98.0%	97.7%
SAU800975	CTR200383	49%	98.4%	98.6%
SAU800975	CAC100315	55%	99.1%	99.5%
SAU800975	CBO100316	56%	98.7%	99.3%
SAU800975	CDF100817	56%	98.7%	99.3%
SAU800975	CDP101419	52%	98.2%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800975	EBC100668	54%	64.8%	99.3%
SAU800975	EFA200871	61%	100%	99.9%
SAU800975	EFM202090	61%	100%	99.8%
SAU800975	ECO102539	52%	98.6%	99.3%
SAU800975	HIN100839	52%	98.2%	98.8%
SAU800975	HPY100260	46%	97.4%	97.8%
SAU800975	KPN301209	52%	98.6%	99.3%
SAU800975	LPN102913	51%	96.7%	98.8%
SAU800975	LMO101394	63%	99.4%	99.8%
SAU800975	MCA100931	51%	99.3%	96.3%
SAU800975	MAV101212	53%	98.2%	96.5%
SAU800975	MBV100178	53%	94.9%	100%
SAU800975	MLP101480	53%	98.6%	99.2%
SAU800975	MTU200383	52%	98.6%	99.2%
SAU800975	MGE100365	50%	80.9%	97.3%
SAU800975	MPN100311	50%	80.3%	96.5%
SAU800975	NGO100439	50%	98.6%	99.4%
SAU800975	NME201542	50%	98.6%	99.4%
SAU800975	PMU101704	52%	96.7%	97.3%
SAU800975	PRT105204	52%	98.8%	99.2%
SAU800975	PAE204540	51%	98.6%	99.4%
SAU800975	PPU108177	51%	98.6%	99.4%
SAU800975	PSY100953	52%	93.9%	98.5%
SAU800975	STY102189	52%	98.6%	99.3%
SAU800975	STM103776	38%	81.2%	77.9%
SAU800975	SAU800975	100%	100%	100%
SAU800975	SEP200200	87%	99.7%	99.7%
SAU800975	SHA100227	90%	91.6%	97.9%
SAU800975	SMU100300	44%	96.5%	97.0%
SAU800975	TPA100070	51%	98.6%	99.0%
SAU800975	UUR100394	52%	80.3%	97.4%
SAU800975	VCH100698	51%	98.7%	99.4%
SAU800975	YPS002837	51%	98.7%	99.2%
SAU800984	ABA105798	37%	98.8%	99.5%
SAU800984	ABA100324	40%	99.0%	99.8%
SAU800984	BAN112689	60%	98.3%	99.8%
SAU800984	BAN107953	64%	99.3%	99.8%
SAU800984	BFR12010	50%	98.6%	98.8%
SAU800984	BPT102618	49%	98.3%	99.3%
SAU800984	BCE113298	51%	74.2%	99.0%
SAU800984	BFU100675	52%	98.3%	95.3%
SAU800984	BMA102164	52%	98.3%	99.0%
SAU800984	CJU100410	47%	98.8%	99.8%
SAU800984	CPN200933	47%	98.6%	98.8%
SAU800984	CTR200146	46%	98.8%	98.6%
SAU800984	CAC100013	54%	99.0%	99.8%
SAU800984	CBO102384	53%	99.3%	99.0%
SAU800984	CDF101773	58%	98.8%	99.5%
SAU800984	CDP100587	25%	98.3%	27.7%
SAU800984	EBC100090	50%	63.5%	98.9%
SAU800984	EFA201888	53%	98.8%	99.3%
SAU800984	EFM201378	54%	98.6%	99.3%
SAU800984	ECO101068	51%	98.3%	99.0%
SAU800984	HIN101502	39%	98.6%	99.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800984	HPY100551	46%	98.3%	99.5%
SAU800984	KPN301302	51%	98.3%	99.0%
SAU800984	LPN100053	54%	98.6%	99.3%
SAU800984	LMO100394	64%	98.8%	99.0%
SAU800984	MCA101479	46%	98.3%	100%
SAU800984	MAV103067	39%	97.8%	100%
SAU800984	MBV100653	38%	98.1%	96.9%
SAU800984	MLP101008	39%	98.1%	96.9%
SAU800984	MTU202211	38%	98.1%	96.9%
SAU800984	NGO100696	52%	99.8%	92.6%
SAU800984	NME200042	53%	99.8%	99.8%
SAU800984	PMU100339	39%	99.0%	99.8%
SAU800984	PRT104423	49%	98.3%	99.0%
SAU800984	PAE202963	52%	98.6%	98.8%
SAU800984	PPU104840	53%	98.6%	98.8%
SAU800984	PSY101697	51%	98.6%	98.8%
SAU800984	SPA100629	50%	98.3%	99.0%
SAU800984	STY102533	51%	98.3%	99.0%
SAU800984	STM102723	51%	98.3%	99.0%
SAU800984	SAU800984	100%	100%	100%
SAU800984	SEP200206	88%	99.8%	99.8%
SAU800984	SHA101847	89%	99.8%	99.8%
SAU800984	SMU100539	44%	98.8%	99.0%
SAU800984	SPN400382	46%	98.6%	97.8%
SAU800984	SPY201347	47%	98.8%	99.0%
SAU800984	VCH101989	52%	98.3%	99.0%
SAU800984	YPS003134	49%	98.3%	99.0%
SAU800996	ABA105617	30%	97.9%	96.4%
SAU800996	BAN100511	58%	100%	100%
SAU800996	BAN103479	64%	100%	99.7%
SAU800996	BFR11695	32%	97.3%	92.8%
SAU800996	BPT101857	31%	98.2%	72.9%
SAU800996	BBU100005	33%	99.1%	93.8%
SAU800996	BCE111566	43%	50.2%	42%
SAU800996	BFU104126	39%	98.5%	98.5%
SAU800996	BMA102942	43%	98.5%	98.5%
SAU800996	CJU100356	36%	97.9%	99.4%
SAU800996	CPN201050	29%	98.8%	96.5%
SAU800996	CTR200863	29%	98.8%	96.0%
SAU800996	CAC102256	53%	98.2%	94.5%
SAU800996	CBO103516	53%	98.2%	97.3%
SAU800996	CDF103033	51%	99.7%	98.5%
SAU800996	CDP100799	47%	98.2%	93.9%
SAU800996	EBC103867	51%	97.6%	97.0%
SAU800996	EFA200882	60%	99.7%	92.5%
SAU800996	EFM201661	33%	97.9%	97.6%
SAU800996	ECO103307	51%	98.8%	98.2%
SAU800996	HIN100618	50%	97.6%	97.0%
SAU800996	HPY101236	46%	97.9%	94.4%
SAU800996	KPN301318	51%	98.8%	98.2%
SAU800996	LPN101785	40%	48.9%	40.6%
SAU800996	LMO101120	62%	99.7%	98.8%
SAU800996	MCA100953	30%	97.9%	95.8%
SAU800996	MAV101730	43%	99.1%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800996	MBV102918	45%	97.6%	96.4%
SAU800996	MLP100424	42%	97.6%	95.6%
SAU800996	MTU203293	45%	97.6%	96.4%
SAU800996	MGE100128	36%	97.3%	96.3%
SAU800996	MPN100568	36%	99.1%	98.3%
SAU800996	NGO100436	30%	97.9%	97.3%
SAU800996	NME201541	30%	97.9%	97.3%
SAU800996	PMU101621	50%	97.6%	97.3%
SAU800996	PRT100815	53%	97.6%	94.7%
SAU800996	PAE204437	30%	97.9%	73.4%
SAU800996	PPU111782	33%	97.9%	73.3%
SAU800996	PSY103844	33%	97.9%	73.3%
SAU800996	SPA103184	46%	62.6%	98.1%
SAU800996	STY101408	51%	98.8%	98.2%
SAU800996	SAU800996	100%	100%	100%
SAU800996	SEP200218	88%	100%	100%
SAU800996	SHA100262	87%	100%	100%
SAU800996	SMU101412	34%	97.9%	97.6%
SAU800996	SPN402031	35%	97.9%	97.4%
SAU800996	SPY201690	34%	97.9%	97.6%
SAU800996	TPA100625	29%	99.7%	98.2%
SAU800996	UUR100175	46%	98.8%	99.7%
SAU800996	VCH102586	48%	97.6%	89.9%
SAU800996	YPS001667	51%	97.6%	93.6%
SAU801001	BAN107249	31%	78.8%	54.9%
SAU801001	BAN110882	32%	76.6%	47.5%
SAU801001	CAC101275	39%	20.7%	37.6%
SAU801001	EFM100918	36%	33.2%	25.3%
SAU801001	LMO101980	28%	82.1%	55.9%
SAU801001	PPU103349	28%	40.2%	25.4%
SAU801001	SAU801001	100%	100%	100%
SAU801001	SEP200228	78%	96.2%	68.3%
SAU801001	SHA100236	78%	96.7%	68.7%
SAU801002	EFA200888	25%	70.4%	40.6%
SAU801002	SAU801002	100%	100%	100%
SAU801003	ABA103708	32%	35.5%	10.3%
SAU801003	BAN109236	44%	44.6%	88.5%
SAU801003	BAN104719	43%	91.7%	89.5%
SAU801003	BAN108205	52%	97.5%	90.2%
SAU801003	BAN109057	52%	97.5%	90.2%
SAU801003	BPT101594	35%	96.7%	85.8%
SAU801003	BCE115088	33%	96.7%	89.0%
SAU801003	BFU111683	31%	97.5%	87.8%
SAU801003	BMA100121	32%	96.7%	71.2%
SAU801003	CJU100430	22%	95.0%	92.1%
SAU801003	CDP101259	29%	95.0%	92.3%
SAU801003	LPN103152	37%	57.0%	62.9%
SAU801003	MAV105125	38%	95.9%	85.8%
SAU801003	MBV101537	38%	95.9%	90.3%
SAU801003	MLP100775	39%	95.9%	94.5%
SAU801003	MTU202434	38%	95.9%	94.5%
SAU801003	SAU801003	100%	100%	100%
SAU801003	SEP200229	77%	100%	95.3%
SAU801003	SHA100235	81%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801007	ABA101740	34%	55.4%	48.7%
SAU801007	BAN113253	59%	82.9%	99.6%
SAU801007	BAN112667	66%	98.1%	99.2%
SAU801007	BFR100600	33%	63.6%	58.6%
SAU801007	BPT103790	28%	61.7%	53.2%
SAU801007	BBU100310	28%	59.5%	55.6%
SAU801007	BCE114005	27%	86.2%	70.6%
SAU801007	BFU102654	29%	76.6%	62.3%
SAU801007	BMA109400	26%	85.9%	66.4%
SAU801007	CJU100602	33%	62.5%	56.3%
SAU801007	CAC101559	25%	86.6%	79.9%
SAU801007	CBO102717	26%	84.0%	77.9%
SAU801007	CDF103162	28%	95.9%	95.9%
SAU801007	CDP101033	25%	84.0%	70.0%
SAU801007	EBC102479	27%	59.1%	58.6%
SAU801007	EFA200895	45%	98.9%	100%
SAU801007	ECO102562	27%	59.1%	53.8%
SAU801007	HIN100070	29%	71.4%	71.3%
SAU801007	HPY101374	28%	66.2%	57.4%
SAU801007	KPN301269	25%	60.2%	54.8%
SAU801007	LPN101990	33%	56.1%	50.5%
SAU801007	LMO100773	57%	97.8%	99.2%
SAU801007	MCA101910	30%	64.3%	55.9%
SAU801007	MAV102046	27%	84.0%	68.8%
SAU801007	MBV105349	26%	84.0%	72.0%
SAU801007	MLP100841	31%	64.7%	53.7%
SAU801007	MTU201674	26%	84.0%	72.0%
SAU801007	MGE100130	28%	75.5%	73.4%
SAU801007	MPN100566	28%	75.8%	73.7%
SAU801007	NGO100871	27%	81.8%	72.3%
SAU801007	NME200939	26%	81.8%	72.3%
SAU801007	PMU100333	24%	84.0%	73.1%
SAU801007	PRT101147	30%	51.7%	62.0%
SAU801007	PAE203086	31%	54.3%	48.8%
SAU801007	PPU105852	31%	54.3%	48.6%
SAU801007	PSY100717	31%	54.3%	48.6%
SAU801007	SPA101531	26%	57.2%	52.6%
SAU801007	STY102233	26%	57.2%	52.1%
SAU801007	STM102487	26%	57.2%	52.1%
SAU801007	SAU801007	100%	100%	100%
SAU801007	SEP200233	94%	100%	100%
SAU801007	SHA100764	91%	100%	100%
SAU801007	SMU100219	44%	97.8%	94.9%
SAU801007	SPN401005	41%	99.3%	96.4%
SAU801007	SPY200856	45%	97.4%	94.2%
SAU801007	TPA100437	27%	61.0%	51.5%
SAU801007	UUR100177	30%	71.7%	67.0%
SAU801007	VCH100837	30%	57.2%	51.7%
SAU801007	YPS002057	29%	54.6%	49.5%
SAU801008	BAN108299	36%	81.0%	82.3%
SAU801008	BAN112738	39%	88.4%	86.5%
SAU801008	EFA200896	32%	95.1%	94.9%
SAU801008	SAU801008	100%	100%	100%
SAU801008	SEP200234	59%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801008	SHA100765	57%	100%	100%
SAU801008	SMU100212	38%	94.0%	92.9%
SAU801008	SPN401006	39%	95.1%	93.3%
SAU801008	SPY200857	36%	97.9%	96.7%
SAU801011	ABA105845	47%	98.4%	87.5%
SAU801011	BAN111495	45%	98.8%	97.8%
SAU801011	BAN110931	63%	98.4%	98.4%
SAU801011	BFR102480	28%	98.4%	86.1%
SAU801011	BPT101515	45%	98.4%	96.6%
SAU801011	BFU100534	44%	98.4%	95.4%
SAU801011	BMA108591	43%	98.4%	95.4%
SAU801011	CJU101319	47%	97.7%	90.5%
SAU801011	CPN200344	33%	97.7%	94.0%
SAU801011	CTR200374	33%	97.7%	94.3%
SAU801011	EBC101481	43%	97.7%	95.0%
SAU801011	EFA201890	51%	97.7%	98.4%
SAU801011	ECO101259	44%	97.3%	94.7%
SAU801011	HIN101698	42%	97.3%	84.1%
SAU801011	HPY100192	45%	98.4%	90.9%
SAU801011	KPN301049	41%	97.7%	95.0%
SAU801011	LPN103417	46%	98.4%	94.0%
SAU801011	LMO102350	53%	99.2%	98.5%
SAU801011	MCA100281	44%	98.4%	93.8%
SAU801011	MAV103640	32%	96.9%	96.3%
SAU801011	MBV101416	31%	97.7%	97.0%
SAU801011	MLP101099	33%	96.9%	96.3%
SAU801011	MTU201463	31%	97.7%	97.0%
SAU801011	NGO101585	45%	97.3%	95.4%
SAU801011	NME201989	45%	97.3%	95.4%
SAU801011	PMU100182	44%	98.4%	96.5%
SAU801011	PRT101421	45%	97.3%	94.7%
SAU801011	PAE201805	43%	97.7%	95.1%
SAU801011	PSY103929	44%	97.7%	95.5%
SAU801011	SPA104351	34%	97.3%	94.7%
SAU801011	STY103075	43%	97.3%	94.7%
SAU801011	STM101286	43%	97.3%	94.7%
SAU801011	SAU801011	100%	100%	100%
SAU801011	SEP200257	93%	100%	100%
SAU801011	SHA100265	95%	47.3%	100%
SAU801013	BAN109098	39%	96.4%	95.0%
SAU801013	BAN104092	44%	96.2%	93.2%
SAU801013	BAN113298	47%	99.0%	92.3%
SAU801013	BAN101687	54%	98.2%	94.4%
SAU801013	CDF100154	51%	60.1%	88.7%
SAU801013	CDF102305	42%	97.6%	93.8%
SAU801013	CDP100704	47%	97.6%	95.2%
SAU801013	EBC101736	53%	96.4%	89.6%
SAU801013	MCA103444	48%	96.8%	94.0%
SAU801013	SAU801013	100%	100%	100%
SAU801013	VCH100771	48%	98.4%	92.1%
SAU801018	ABA100927	31%	93.9%	93.4%
SAU801018	BAN102528	33%	80.4%	94.4%
SAU801018	BAN109007	36%	92.1%	95.2%
SAU801018	BAN108968	33%	91.9%	94.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801018	BAN109347	42%	92.1%	92.5%
SAU801018	BFR11372	30%	94.5%	96.1%
SAU801018	BBU100200	29%	90.9%	90.6%
SAU801018	BCE108649	32%	72.7%	91.6%
SAU801018	BFU100823	33%	88.9%	88.4%
SAU801018	BMA100072	33%	88.9%	88.3%
SAU801018	CJU101547	31%	87.7%	92.0%
SAU801018	CPN200331	32%	93.9%	95.4%
SAU801018	CTR200533	31%	91.3%	92.4%
SAU801018	CAC101131	32%	96.4%	98.1%
SAU801018	CAC103376	33%	94.1%	95.6%
SAU801018	CBO100064	35%	94.5%	96.1%
SAU801018	CDF102952	30%	96.4%	97.7%
SAU801018	CDP101281	34%	78.7%	80.9%
SAU801018	EBC102573	29%	92.3%	93.9%
SAU801018	EFA201208	27%	94.5%	92.5%
SAU801018	EFM201835	28%	91.3%	90.2%
SAU801018	ECO100085	30%	91.3%	92.9%
SAU801018	HIN101107	31%	93.1%	95.9%
SAU801018	HPY101473	32%	74.9%	81.7%
SAU801018	KPN301847	29%	92.3%	93.9%
SAU801018	LPN100418	32%	28.5%	87.0%
SAU801018	LMO101113	34%	94.5%	95.3%
SAU801018	MCA100819	32%	72.9%	69.7%
SAU801018	MAV104018	29%	94.5%	90.8%
SAU801018	MBV100072	27%	79.8%	91.1%
SAU801018	MLP100564	30%	89.3%	84.7%
SAU801018	MTU202124	29%	93.9%	87.7%
SAU801018	NGO100606	33%	90.5%	91.5%
SAU801018	NME201913	33%	90.5%	91.5%
SAU801018	PMU100137	32%	92.1%	94.7%
SAU801018	PRT102626	32%	89.7%	91.5%
SAU801018	PAE204415	33%	91.7%	93.2%
SAU801018	PPU105954	33%	91.1%	92.7%
SAU801018	PSY107311	33%	90.1%	91.8%
SAU801018	SPA102754	28%	91.3%	93.3%
SAU801018	STY103171	30%	91.3%	93.1%
SAU801018	STM102863	29%	91.3%	93.1%
SAU801018	SAU801018	100%	100%	100%
SAU801018	SEP200270	87%	99.8%	99.8%
SAU801018	SHA101090	85%	99.4%	99.4%
SAU801018	SMU100386	28%	89.5%	88.6%
SAU801018	SPN401383	29%	89.9%	89.4%
SAU801018	SPY200283	28%	91.5%	90.9%
SAU801018	TPA100923	28%	91.9%	92.0%
SAU801018	VCH102371	31%	89.7%	87.5%
SAU801018	YPS000993	30%	92.3%	94.9%
SAU801019	SAU801019	100%	100%	100%
SAU801019	SEP202484	36%	85.5%	86.4%
SAU801019	SHA101091	48%	75.9%	76.2%
SAU801020	SAU801020	100%	100%	100%
SAU801021	ABA103073	39%	99.5%	76.8%
SAU801021	BFR10621	39%	99.3%	81.9%
SAU801021	BPT101443	43%	99.8%	75.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801021	BFU103306	44%	88.4%	67.4%
SAU801021	CAC101793	44%	96.5%	75.1%
SAU801021	CBO102015	46%	96.5%	75.0%
SAU801021	CDP100203	34%	100%	77.0%
SAU801021	EBC103571	40%	98.8%	76.7%
SAU801021	EFA201098	59%	100%	77.7%
SAU801021	EFM201941	57%	100%	80.8%
SAU801021	ECO104261	41%	99.3%	76.7%
SAU801021	HIN101699	41%	99.3%	77.0%
SAU801021	KPN302173	43%	88.4%	66.4%
SAU801021	LPN103093	43%	98.8%	82.8%
SAU801021	LMO102853	62%	100%	77.6%
SAU801021	MCA101980	42%	88.9%	68.6%
SAU801021	NGO100799	41%	98.5%	75.7%
SAU801021	NME200772	42%	98.5%	75.7%
SAU801021	PMU100816	40%	99.3%	76.7%
SAU801021	PRT100771	41%	99.3%	76.7%
SAU801021	PAE203900	45%	88.6%	68.3%
SAU801021	PPU101429	41%	98.8%	66.8%
SAU801021	PSY106730	40%	98.8%	76.5%
SAU801021	SPA102185	39%	98.8%	77.5%
SAU801021	STY104563	40%	98.8%	76.4%
SAU801021	STM100343	40%	98.8%	76.4%
SAU801021	SAU801021	100%	100%	100%
SAU801021	SEP200272	92%	100%	77.9%
SAU801021	SHA102902	93%	100%	87.9%
SAU801021	SMU100745	56%	99.0%	77.5%
SAU801021	SPN400396	57%	99.0%	76.8%
SAU801021	SPY201085	59%	99.0%	76.8%
SAU801021	VCH100647	42%	98.8%	76.1%
SAU801021	YPS000093	46%	88.4%	68.1%
SAU801025	CDF100072	21%	21.0%	92.2%
SAU801025	CDF102294	22%	49.6%	42.0%
SAU801025	CDF101487	22%	56.5%	64.9%
SAU801025	CDF103240	22%	54.8%	48.4%
SAU801025	SAU801025	100%	100%	100%
SAU801025	SEP200278	69%	99.2%	96.9%
SAU801025	SHA101420	64%	99.2%	99.0%
SAU801038	BAN107236	35%	75.5%	92.4%
SAU801038	BAN102502	36%	90.6%	92.0%
SAU801038	BCE100353	24%	79.0%	75.1%
SAU801038	BFU107408	25%	79.6%	70.2%
SAU801038	BMA101385	24%	77.4%	63.3%
SAU801038	EBC103345	37%	87.8%	89.3%
SAU801038	ECO104179	36%	87.8%	88.7%
SAU801038	KPN304212	25%	44.5%	48.0%
SAU801038	PMU100131	37%	89.0%	91.6%
SAU801038	PSY102144	35%	85.0%	87.5%
SAU801038	STY103490	25%	40.8%	43.9%
SAU801038	STM103176	25%	40.8%	43.9%
SAU801038	SAU802177	48%	96.9%	96.6%
SAU801038	SAU801038	100%	100%	100%
SAU801038	SEP202004	45%	96.9%	95.5%
SAU801038	SHA100119	56%	49.5%	93.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801038	SPN200521	31%	54.5%	91.7%
SAU801038	VCH100200	29%	47.3%	47.6%
SAU801060	ABA101560	50%	96.7%	99.7%
SAU801060	BAN108287	46%	94.9%	97.8%
SAU801060	BAN107549	60%	96.5%	99.1%
SAU801060	BFR102649	21%	21.9%	79.6%
SAU801060	BPT102772	50%	92.9%	96.1%
SAU801060	BCE104897	49%	98.5%	97.2%
SAU801060	BFU101932	49%	95.3%	94.9%
SAU801060	BMA105777	48%	98.8%	100%
SAU801060	BMA107179	48%	98.8%	97.5%
SAU801060	CDP102039	43%	77.6%	89.7%
SAU801060	EBC103074	47%	65.0%	96.4%
SAU801060	ECO100423	50%	93.2%	93.4%
SAU801060	HPY100141	22%	36.0%	51.6%
SAU801060	KPN303419	50%	93.2%	93.4%
SAU801060	LPN100442	46%	32.0%	94.6%
SAU801060	LMO102701	66%	96.7%	96.8%
SAU801060	MCA101093	19%	62.8%	91.3%
SAU801060	MAV101361	45%	75.2%	91.2%
SAU801060	MBV105923	45%	76.3%	87.6%
SAU801060	MLP101062	45%	76.3%	87.5%
SAU801060	MTU203003	45%	76.3%	87.6%
SAU801060	NGO100639	17%	45.3%	60.6%
SAU801060	NME201828	17%	45.3%	60.1%
SAU801060	PRT104154	47%	96.5%	97.7%
SAU801060	PAE201317	48%	95.3%	95.9%
SAU801060	PPU109665	48%	96.5%	95.1%
SAU801060	PSY104253	49%	95.2%	94.0%
SAU801060	SPA102307	48%	95.5%	96.8%
SAU801060	STY100720	50%	95.2%	95.0%
SAU801060	SAU801060	100%	100%	100%
SAU801060	SEP200351	93%	100%	100%
SAU801060	SHA100553	90%	97.3%	99.4%
SAU801060	VCH101421	17%	48.8%	67.1%
SAU801060	YPS001899	50%	95.2%	95.0%
SAU801061	ABA103655	36%	63.4%	71.1%
SAU801061	BAN111570	37%	59.3%	85.5%
SAU801061	BAN110867	40%	73.5%	94.2%
SAU801061	BPT102774	35%	59.8%	73.7%
SAU801061	BCE104834	33%	63.9%	89.7%
SAU801061	BFU101934	37%	64.8%	85.7%
SAU801061	BMA109512	35%	64.5%	83.6%
SAU801061	BMA107732	35%	66.1%	83.4%
SAU801061	CDP100360	21%	53.8%	72.9%
SAU801061	EBC101217	36%	68.0%	81.0%
SAU801061	ECO100424	35%	68.0%	81.0%
SAU801061	KPN303418	38%	25.7%	64.7%
SAU801061	LMO100640	49%	99.2%	99.7%
SAU801061	MAV102952	22%	24.3%	28.3%
SAU801061	MBV100595	20%	61.2%	89.6%
SAU801061	MLP100533	22%	61.7%	84.1%
SAU801061	MTU202166	20%	62.0%	82.1%
SAU801061	PRT103954	37%	68.3%	82.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801061	PAE201316	36%	63.7%	71.6%
SAU801061	PPU101498	38%	66.4%	78.9%
SAU801061	PSY104255	35%	67.8%	80.5%
SAU801061	SPA102308	34%	47.8%	55.8%
SAU801061	STY100721	36%	68.3%	80.2%
SAU801061	SAU801061	100%	100%	100%
SAU801061	SEP200354	81%	100%	100%
SAU801061	SHA100551	77%	80.1%	100%
SAU801061	YPS001897	38%	69.4%	82.1%
SAU801081	BAN101424	35%	96.7%	98.0%
SAU801081	BAN110238	46%	96.7%	95.2%
SAU801081	BFR11654	28%	98.2%	98.5%
SAU801081	BBU100789	26%	42.1%	32.5%
SAU801081	BCE105292	26%	99.5%	94.6%
SAU801081	BFU105347	25%	99.5%	98.0%
SAU801081	BMA105381	28%	58.5%	95.8%
SAU801081	CPN200218	30%	34.6%	49.5%
SAU801081	CTR200674	30%	33.6%	48%
SAU801081	CDF102444	29%	29.0%	39.3%
SAU801081	EBC100814	28%	96.7%	97.2%
SAU801081	EFA200628	42%	98.2%	97.7%
SAU801081	EFM201297	41%	98.7%	98.5%
SAU801081	ECO100942	29%	89.2%	96.2%
SAU801081	KPN301376	27%	96.7%	95.8%
SAU801081	LPN102414	26%	31.3%	83.6%
SAU801081	LPN102136	24%	74.4%	82.4%
SAU801081	LMO102509	43%	96.2%	95.4%
SAU801081	NGO101096	39%	51.8%	65.1%
SAU801081	NME201438	35%	62.8%	80.6%
SAU801081	PAE200353	24%	83.1%	81.4%
SAU801081	PPU102183	26%	82.6%	80.9%
SAU801081	PSY102744	27%	82.6%	80.9%
SAU801081	SPA103978	27%	96.7%	97.5%
SAU801081	STY103612	27%	96.7%	95.0%
SAU801081	SAU801081	100%	100%	100%
SAU801081	SEP200778	77%	100%	100%
SAU801081	SHA101353	77%	100%	100%
SAU801081	SMU100080	41%	96.9%	87.6%
SAU801081	SPN401235	43%	98.2%	97.4%
SAU801081	SPY200600	43%	97.2%	97.2%
SAU801081	VCH101334	28%	96.7%	91.9%
SAU801081	YPS002174	28%	96.7%	96.7%
SAU801083	ABA104415	34%	79.5%	78.7%
SAU801083	BAN108284	60%	92.0%	93.1%
SAU801083	BAN113302	61%	92.0%	93.1%
SAU801083	BPT101967	38%	95.5%	71.2%
SAU801083	BBU100556	29%	92.0%	94.2%
SAU801083	BCE109463	39%	93.2%	92.1%
SAU801083	BFU102715	35%	93.2%	92.1%
SAU801083	BMA101428	36%	93.2%	92.1%
SAU801083	CPN200726	31%	90.9%	74.1%
SAU801083	CTR200606	32%	87.5%	74.0%
SAU801083	CAC100614	51%	87.5%	89.5%
SAU801083	CBO101012	48%	93.2%	93.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801083	CDF100787	40%	84.1%	86.0%
SAU801083	CDP100378	27%	95.5%	95.5%
SAU801083	EFA201087	64%	100%	100%
SAU801083	EFM100206	63%	100%	100%
SAU801083	KPN300336	41%	87.5%	30.7%
SAU801083	LPN103186	41%	85.2%	84.3%
SAU801083	LMO101585	71%	100%	100%
SAU801083	MGE100041	47%	94.3%	95.5%
SAU801083	MPN100101	44%	94.3%	95.5%
SAU801083	NGO102690	41%	93.2%	92.1%
SAU801083	NME200365	40%	93.2%	92.1%
SAU801083	PMU100898	38%	77.3%	80%
SAU801083	PRT102262	34%	94.3%	97.6%
SAU801083	PPU103902	32%	93.2%	92.2%
SAU801083	PSY104754	31%	95.5%	94.4%
SAU801083	SPA100416	41%	87.5%	27.6%
SAU801083	STM101235	32%	94.3%	97.6%
SAU801083	SAU801083	100%	100%	100%
SAU801083	SEP200782	92%	100%	100%
SAU801083	SHA101355	96%	100%	100%
SAU801083	SMU103189	66%	97.7%	98.9%
SAU801083	SPN401063	67%	97.7%	98.9%
SAU801083	SPY201055	66%	97.7%	98.9%
SAU801083	TPA100582	45%	79.5%	79.5%
SAU801083	UUR100594	30%	97.7%	98.9%
SAU801084	ABA102248	39%	97.9%	57.4%
SAU801084	BAN113590	50%	99.5%	100%
SAU801084	BAN102128	65%	99.5%	99.8%
SAU801084	BFR102843	28%	66.3%	49.5%
SAU801084	BPT101969	40%	89.3%	84.4%
SAU801084	BBU100557	38%	99.1%	99.3%
SAU801084	BCE105897	38%	94.2%	91.0%
SAU801084	BFU102716	37%	94.2%	91.2%
SAU801084	BMA107198	38%	94.2%	91.9%
SAU801084	CPN200725	29%	98.6%	96.5%
SAU801084	CTR200605	27%	98.8%	96.5%
SAU801084	CAC102388	55%	93.4%	98.9%
SAU801084	CBO103848	54%	93.4%	98.9%
SAU801084	CDF100789	56%	97.6%	97.7%
SAU801084	CDP100363	31%	96.7%	95.6%
SAU801084	EBC101637	50%	99.5%	100%
SAU801084	EFA201084	63%	100%	100%
SAU801084	EFM201634	70%	44.2%	99.2%
SAU801084	ECO102367	50%	99.5%	99.1%
SAU801084	HIN101677	50%	99.3%	99.0%
SAU801084	HPY100119	27%	69.6%	51.1%
SAU801084	KPN300705	50%	99.5%	99.1%
SAU801084	LPN100853	34%	93.0%	69.5%
SAU801084	LMO101249	69%	99.7%	99.5%
SAU801084	MCA100687	29%	70.1%	52.5%
SAU801084	MAV102627	27%	12.8%	14.1%
SAU801084	MAV101273	33%	12.9%	13.8%
SAU801084	MAV100488	35%	12.9%	13.4%
SAU801084	MBV104403	35%	12.9%	14.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801084	MLP100590	37%	12.9%	12.0%
SAU801084	MTU201112	35%	12.9%	14.7%
SAU801084	MGE100439	45%	99.7%	98.8%
SAU801084	MPN100215	45%	99.7%	98.8%
SAU801084	NGO101819	35%	99.1%	97.0%
SAU801084	NME200366	35%	99.1%	97.0%
SAU801084	PMU100897	49%	99.3%	99.0%
SAU801084	PRT102260	50%	99.5%	99.1%
SAU801084	PAE203560	38%	99.3%	57.9%
SAU801084	PPU109910	38%	99.0%	58%
SAU801084	PSY105138	40%	98.6%	57.6%
SAU801084	SPA101201	42%	99.5%	99.1%
SAU801084	STY104022	31%	97.7%	74.5%
SAU801084	STM101237	50%	99.5%	99.1%
SAU801084	SAU801084	100%	100%	100%
SAU801084	SEP200784	88%	100%	100%
SAU801084	SHA101356	86%	93.5%	100%
SAU801084	SMU100862	63%	99.8%	99.5%
SAU801084	SPN401062	61%	99.8%	99.5%
SAU801084	SPY201054	61%	99.8%	99.5%
SAU801084	TPA100738	24%	62.4%	48.5%
SAU801084	VCH100949	50%	99.3%	99.3%
SAU801084	YPS000626	51%	99.5%	99.1%
SAU801089	BAN110506	68%	97.5%	100%
SAU801089	BAN101466	68%	98.4%	100%
SAU801089	CJU101614	40%	97.5%	84.3%
SAU801089	CAC102576	47%	97.3%	99.1%
SAU801089	CBO101502	46%	97.3%	99.3%
SAU801089	CBO103283	48%	98.4%	97.7%
SAU801089	CDF101226	50%	93.8%	99.4%
SAU801089	CDP100435	37%	97.0%	79.7%
SAU801089	EFA200195	63%	97.0%	97.5%
SAU801089	EFM202397	67%	69.2%	98.5%
SAU801089	HPY101409	41%	95.9%	78.8%
SAU801089	LMO101604	66%	98.4%	100%
SAU801089	MAV101957	35%	96.6%	94.6%
SAU801089	MBV104272	34%	96.6%	97.0%
SAU801089	MLP100931	35%	96.6%	97.0%
SAU801089	MTU202715	34%	96.6%	97.0%
SAU801089	MGE100141	38%	96.1%	96.5%
SAU801089	MPN100555	38%	96.1%	96.5%
SAU801089	SAU801089	100%	100%	100%
SAU801089	SEP200794	95%	99.1%	100%
SAU801089	SHA100488	92%	98.4%	100%
SAU801089	SMU100700	61%	97.5%	98.2%
SAU801089	SPN400125	62%	98.4%	91.0%
SAU801089	SPY201445	61%	97.5%	98.2%
SAU801089	TPA100485	40%	12.0%	20.2%
SAU801089	UUR100577	38%	98.1%	93.8%
SAU801089	VCH100261	25%	18.4%	21.1%
SAU801093	BAN105734	63%	97.0%	97.6%
SAU801093	BAN110170	74%	97.8%	97.6%
SAU801093	BPT101610	30%	78.1%	91.3%
SAU801093	BCE113547	33%	91.1%	85.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801093	BMA102663	34%	91.6%	86.1%
SAU801093	CPN200448	27%	81.6%	90.6%
SAU801093	CBO103958	32%	85.1%	98.8%
SAU801093	CDF100257	31%	83.8%	98.8%
SAU801093	EFA202418	67%	99.2%	98.9%
SAU801093	EFM201282	53%	19.7%	100%
SAU801093	KPN103829	37%	43.8%	83.4%
SAU801093	LPN103433	41%	95.1%	98.9%
SAU801093	LMO101849	75%	98.6%	98.4%
SAU801093	MAV103610	41%	92.2%	97.5%
SAU801093	MBV101185	40%	91.9%	95.2%
SAU801093	MTU202460	40%	91.9%	92.6%
SAU801093	MGE100280	35%	92.7%	95.5%
SAU801093	MPN100445	35%	91.1%	93.9%
SAU801093	PAE203415	37%	92.7%	94.2%
SAU801093	PPU111106	33%	91.6%	86.1%
SAU801093	SAU801093	100%	100%	100%
SAU801093	SEP200800	94%	100%	100%
SAU801093	SHA100009	93%	75.4%	100%
SAU801093	SMU100295	30%	92.7%	98.6%
SAU801093	SPY200775	28%	83.8%	99.1%
SAU801094	BAN108921	64%	98.5%	100%
SAU801094	BAN101772	74%	100%	100%
SAU801094	BPT101608	41%	98.8%	99.1%
SAU801094	BCE101800	45%	98.8%	96.2%
SAU801094	BMA104981	43%	98.8%	96.0%
SAU801094	CAC102552	23%	70.2%	35.4%
SAU801094	EBC103034	28%	86.8%	85.5%
SAU801094	EFA202409	74%	100%	100%
SAU801094	EFM200042	73%	100%	100%
SAU801094	HIN101408	22%	72.3%	35.8%
SAU801094	KPN303566	27%	71.4%	67.9%
SAU801094	LPN101708	45%	95.7%	96.0%
SAU801094	LMO100303	76%	100%	100%
SAU801094	MCA101840	24%	72.6%	32.9%
SAU801094	MAV103599	46%	98.8%	91.5%
SAU801094	MBV101184	45%	98.5%	92.0%
SAU801094	MTU202459	45%	98.5%	92.0%
SAU801094	MGE100279	39%	99.1%	98.8%
SAU801094	MPN100446	39%	99.1%	98.5%
SAU801094	NGO101578	28%	76.3%	36.3%
SAU801094	NME200546	28%	76.3%	36.3%
SAU801094	PMU100532	25%	68.9%	34.0%
SAU801094	PAE203414	40%	99.4%	97.0%
SAU801094	PPU100927	43%	98.8%	94.6%
SAU801094	SAU801094	100%	100%	100%
SAU801094	SEP200802	91%	100%	100%
SAU801094	SHA100436	90%	99.1%	100%
SAU801095	BAN101075	58%	98.4%	100%
SAU801095	BAN101226	68%	99.8%	99.8%
SAU801095	BCE111259	36%	98.6%	98.6%
SAU801095	BMA108930	37%	29.5%	2.9%
SAU801095	CBO101635	33%	98.1%	98.2%
SAU801095	EFA202405	61%	25.8%	1.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801095	EFM201990	61%	26.7%	2.0%
SAU801095	HIN101204	33%	47.2%	20.3%
SAU801095	KPN301446	34%	77.4%	39.2%
SAU801095	LMO102367	65%	26.0%	1.5%
SAU801095	MAV103601	31%	98.8%	97.7%
SAU801095	MLP100521	34%	24.0%	2.8%
SAU801095	MTU403766	44%	20.7%	98.9%
SAU801095	MTU405732	33%	98.4%	96.7%
SAU801095	MPN100447	30%	97.9%	99.0%
SAU801095	PAE202247	36%	98.6%	98.6%
SAU801095	PPU100765	35%	98.6%	98.6%
SAU801095	PSY103646	35%	44.7%	9.5%
SAU801095	SAU801095	100%	100%	100%
SAU801095	SEP200804	86%	100%	100%
SAU801095	SHA100437	87%	77.7%	100%
SAU801095	SMU101479	35%	99.5%	100%
SAU801095	SPN401049	33%	72.6%	93.1%
SAU801095	SPY200777	33%	99.3%	100%
SAU801096	ABA101766	41%	97.9%	97.9%
SAU801096	BAN101609	50%	99.6%	99.4%
SAU801096	BAN103383	70%	99.6%	99.4%
SAU801096	BFR10034	34%	95.1%	98.4%
SAU801096	BFR11786	37%	94.9%	98.7%
SAU801096	BPT100905	42%	98.1%	77.5%
SAU801096	BCE110691	44%	97.2%	78.5%
SAU801096	BFU101154	43%	95.9%	94.9%
SAU801096	BMA108899	44%	95.9%	97.3%
SAU801096	CPN201018	38%	97.9%	98.3%
SAU801096	CTR200835	38%	97.4%	97.6%
SAU801096	CBO103777	42%	95.3%	96.3%
SAU801096	CBO103904	41%	95.1%	96.5%
SAU801096	CDF102926	39%	97.4%	97.6%
SAU801096	CDP100695	38%	97.4%	98.7%
SAU801096	EBC102751	44%	96.4%	95.6%
SAU801096	EFA202404	64%	99.6%	99.8%
SAU801096	EFM201020	62%	99.6%	99.8%
SAU801096	ECO100116	44%	96.4%	95.6%
SAU801096	HIN101203	44%	96.4%	94.8%
SAU801096	KPN301447	43%	96.4%	95.4%
SAU801096	LPN100879	41%	96.4%	95.6%
SAU801096	LMO101821	71%	99.6%	99.8%
SAU801096	MCA101643	41%	97.9%	97.7%
SAU801096	MAV101768	37%	97.4%	98.7%
SAU801096	MBV103409	36%	97.4%	98.9%
SAU801096	MLP101416	36%	97.4%	98.9%
SAU801096	MTU200460	36%	97.4%	98.9%
SAU801096	MGE100277	37%	97.0%	98.9%
SAU801096	MPN100448	39%	96.4%	98.2%
SAU801096	NGO100074	43%	97.0%	78.6%
SAU801096	NME201415	43%	98.1%	79.5%
SAU801096	PMU100893	43%	96.4%	95.6%
SAU801096	PRT102281	43%	96.4%	95.4%
SAU801096	PAE202248	42%	98.1%	98.9%
SAU801096	PPU100764	40%	98.1%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801096	PSY104859	40%	97.4%	97.5%
SAU801096	SPA100336	42%	83.1%	98.7%
SAU801096	STY103295	44%	96.4%	95.4%
SAU801096	STM103004	44%	96.4%	95.6%
SAU801096	SAU801096	100%	100%	100%
SAU801096	SEP200806	95%	100%	100%
SAU801096	SHA100679	93%	99.6%	100%
SAU801096	SMU100298	37%	96.4%	98.9%
SAU801096	SPN401048	37%	97.6%	79.5%
SAU801096	VCH102377	43%	96.4%	95.4%
SAU801096	YPS000861	44%	96.4%	95.4%
SAU801105	BAN103936	31%	94.4%	94.9%
SAU801105	BAN110850	38%	97.1%	99.3%
SAU801105	BFR103178	29%	92.9%	98.1%
SAU801105	BCE109436	41%	94.7%	95.4%
SAU801105	BFU115276	45%	92%	95.5%
SAU801105	BMA104207	41%	94.7%	95.7%
SAU801105	CAC103270	30%	91.8%	95.4%
SAU801105	EBC101317	36%	92.7%	97.3%
SAU801105	EFA201537	49%	94.7%	83.3%
SAU801105	EFA202292	57%	96.9%	96.0%
SAU801105	EFM202118	52%	61.1%	98.6%
SAU801105	ECO102349	35%	93.1%	96.4%
SAU801105	KPN301759	37%	92.7%	95.6%
SAU801105	LPN101696	26%	34.7%	40.5%
SAU801105	LMO100400	53%	96.9%	95.5%
SAU801105	MCA102057	22%	39.6%	42.3%
SAU801105	MCA103694	20%	56%	58.3%
SAU801105	MAV105572	34%	90%	94.9%
SAU801105	MBV103100	33%	39.6%	97.0%
SAU801105	MLP101268	32%	90.7%	91.5%
SAU801105	MTU200915	33%	93.6%	93.9%
SAU801105	NGO101522	20%	71.8%	73.4%
SAU801105	NME201499	21%	71.8%	73.4%
SAU801105	PMU100681	29%	26.7%	26.8%
SAU801105	PAE204332	46%	92.2%	97.4%
SAU801105	PSY105402	44%	94%	94.5%
SAU801105	SPA103529	36%	92.2%	95.4%
SAU801105	STY101143	35%	92.2%	95.4%
SAU801105	SAU801105	100%	100%	100%
SAU801105	SEP200820	84%	99.6%	100%
SAU801105	SHA100053	78%	69.6%	100%
SAU801105	SMU100063	53%	96%	97.8%
SAU801105	SPN400157	20%	84.2%	88.8%
SAU801105	SPY102082	52%	38.7%	100%
SAU801105	YPS000584	36%	90.9%	94.9%
SAU801109	ABA101290	53%	97.1%	98.7%
SAU801109	BAN108593	70%	99.2%	100%
SAU801109	BAN110377	74%	98.7%	99.3%
SAU801109	BFR12436	48%	97.6%	99.7%
SAU801109	BPT100252	55%	97.2%	96.1%
SAU801109	BCE107416	53%	97.2%	98.5%
SAU801109	BFU101165	52%	97.4%	85.6%
SAU801109	BMA100582	54%	97.2%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801109	CJU100039	54%	97.6%	99.3%
SAU801109	CAC100624	55%	97.7%	99.2%
SAU801109	CBO103040	55%	98.2%	99.2%
SAU801109	CDF100332	48%	97.2%	98.2%
SAU801109	CDP100988	46%	98.2%	99.1%
SAU801109	EBC103136	53%	98.2%	99.5%
SAU801109	EFA200305	72%	98.4%	99.2%
SAU801109	EFM200826	74%	86.7%	100%
SAU801109	ECO103777	54%	95.6%	99.5%
SAU801109	HIN100844	53%	96.7%	96.8%
SAU801109	HPY100476	53%	97.6%	99.8%
SAU801109	KPN301352	54%	98.2%	99.5%
SAU801109	LPN100213	53%	97.6%	98.7%
SAU801109	LMO100625	72%	98.5%	99.3%
SAU801109	MCA100597	52%	98.5%	99.7%
SAU801109	MAV106479	44%	97.6%	99.0%
SAU801109	MBV101431	45%	97.6%	99.0%
SAU801109	MLP100924	44%	97.6%	99.0%
SAU801109	MTU201150	45%	97.6%	99.0%
SAU801109	NGO100315	54%	97.9%	99.7%
SAU801109	NME201257	54%	97.9%	99.7%
SAU801109	PMU101173	53%	98.4%	98.7%
SAU801109	PRT102826	54%	97.1%	96.3%
SAU801109	PAE205112	54%	97.1%	98.7%
SAU801109	PPU101976	53%	98.0%	99.5%
SAU801109	PSY103102	52%	97.7%	99.2%
SAU801109	SPA102685	48%	70.7%	98.6%
SAU801109	STY103413	53%	98.2%	99.5%
SAU801109	STM101499	53%	98.2%	99.5%
SAU801109	SAU801109	100%	100%	100%
SAU801109	SEP200827	92%	100%	100%
SAU801109	SHA100537	93%	99.7%	99.8%
SAU801109	SMU100076	74%	98.9%	99.3%
SAU801109	SPN400598	73%	98.9%	98.4%
SAU801109	SPY201176	73%	98.9%	99.5%
SAU801109	VCH102705	54%	98.7%	99.7%
SAU801109	YPS001324	54%	97.6%	98.8%
SAU801113	ABA103723	30%	86.6%	81.2%
SAU801113	BAN104342	37%	97.6%	93.4%
SAU801113	BAN103666	38%	99.5%	91.4%
SAU801113	BFR100762	27%	80.2%	71.9%
SAU801113	BPT103003	31%	95.2%	87.9%
SAU801113	BCE103498	32%	95.2%	92.6%
SAU801113	BFU100816	32%	95.2%	81.9%
SAU801113	BMA109411	32%	95.2%	81.2%
SAU801113	CJU100966	30%	90.3%	91.7%
SAU801113	CTR200136	29%	85.5%	76.2%
SAU801113	CAC100555	33%	94.4%	91.4%
SAU801113	CBO100202	34%	94.4%	91.1%
SAU801113	CDF103581	34%	89.0%	85.9%
SAU801113	EBC102569	31%	85.8%	76.8%
SAU801113	EFA200310	34%	91.7%	86.6%
SAU801113	EFM200911	35%	90.9%	87.6%
SAU801113	ECO100089	31%	89.3%	78.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801113	HIN101111	36%	86.6%	80.2%
SAU801113	HPY101537	28%	88.5%	89.7%
SAU801113	KPN301852	31%	85.8%	75%
SAU801113	LPN100221	36%	76.4%	94.0%
SAU801113	LMO101232	37%	92.8%	86.2%
SAU801113	MCA103455	30%	95.4%	90.8%
SAU801113	MAV103648	30%	91.2%	54.4%
SAU801113	MBV100525	30%	85.8%	63.8%
SAU801113	MLP100568	31%	91.2%	62.2%
SAU801113	MTU202120	30%	85.8%	59.5%
SAU801113	NGO100588	31%	98.4%	91.0%
SAU801113	NME201907	31%	98.4%	88.5%
SAU801113	PMU100141	32%	86.6%	80.3%
SAU801113	PRT102637	34%	79.4%	73.6%
SAU801113	PAE204411	32%	86.6%	79.7%
SAU801113	PPU112591	33%	86.6%	78.7%
SAU801113	PSY103847	33%	76.7%	70.3%
SAU801113	STY103175	31%	89.0%	78.5%
SAU801113	STM102887	31%	89.0%	78.5%
SAU801113	SAU801113	100%	100%	100%
SAU801113	SEP200834	76%	100%	91.4%
SAU801113	SHA101706	67%	99.2%	98.7%
SAU801113	SMU101535	33%	90.6%	83.3%
SAU801113	SPN400973	32%	89.3%	84.6%
SAU801113	SPY200440	32%	89.5%	81.6%
SAU801113	TPA100383	28%	91.2%	86.2%
SAU801113	VCH102367	30%	98.4%	90.7%
SAU801113	YPS001012	32%	86.3%	78.8%
SAU801114	BAN108934	45%	91.4%	93.8%
SAU801114	BAN112613	63%	99.7%	99.7%
SAU801114	CAC103250	54%	99.7%	99.9%
SAU801114	CBO103581	54%	99.7%	100%
SAU801114	CDF100269	54%	99.4%	99.7%
SAU801114	CDP100823	45%	99.4%	98.7%
SAU801114	EFA200317	58%	99.5%	99.9%
SAU801114	EFM202099	59%	99.3%	99.7%
SAU801114	LMO100679	61%	99.7%	99.9%
SAU801114	MAV103158	45%	99.4%	99.9%
SAU801114	MBV103377	45%	99.1%	99.6%
SAU801114	MTU202929	45%	99.1%	99.6%
SAU801114	PSY103300	37%	53.4%	99.2%
SAU801114	SAU801114	100%	100%	100%
SAU801114	SEP200837	89%	53.1%	100%
SAU801114	SHA101707	87%	53.1%	100%
SAU801114	TPA100055	32%	53.3%	99.2%
SAU801131	BAN104171	29%	58.6%	92.8%
SAU801131	BAN109296	27%	75.8%	17.5%
SAU801131	BAN111612	29%	48.0%	34.6%
SAU801131	BAN104612	32%	80.6%	73.4%
SAU801131	LMO101229	33%	89.4%	90.8%
SAU801131	MPN100554	21%	59.9%	34.2%
SAU801131	SPA106331	44%	15.9%	58.5%
SAU801131	SAU801131	100%	100%	100%
SAU801132	BAN101870	26%	67.3%	52.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801132	BCE107002	21%	31.8%	77.4%
SAU801132	BMA100184	22%	30.4%	49.3%
SAU801132	CDF100362	23%	41.3%	40.5%
SAU801132	EBC105295	32%	16.5%	41.3%
SAU801132	SAU801132	100%	100%	100%
SAU801134	BAN105614	34%	96.7%	83.4%
SAU801134	BAN106021	40%	98.9%	84.7%
SAU801134	LMO101340	45%	97.1%	82.4%
SAU801134	MBV103792	35%	36.3%	20.3%
SAU801134	MTU203401	35%	36.3%	20.3%
SAU801134	SAU801134	100%	100%	100%
SAU801134	SPY201382	44%	97.1%	80%
SAU801135	BAN105520	35%	98.0%	98.4%
SAU801135	BAN110918	42%	87.7%	98.2%
SAU801135	BFR104438	27%	35.2%	17.3%
SAU801135	BBU100793	27%	32.8%	5.8%
SAU801135	CDF102404	29%	35.2%	96.6%
SAU801135	CDF100360	31%	97.5%	99.1%
SAU801135	LMO100254	34%	98.8%	99.2%
SAU801135	PRT104101	25%	42.6%	41.5%
SAU801135	SAU801135	100%	100%	100%
SAU801135	SPY200094	33%	74.2%	76.4%
SAU801138	ABA102496	48%	96.0%	99.4%
SAU801138	BAN107250	37%	96.0%	100%
SAU801138	BAN102079	67%	96.0%	98.3%
SAU801138	BFR10569	47%	92.6%	95.0%
SAU801138	BPT100287	42%	95.7%	98.2%
SAU801138	BBU100512	28%	85.5%	62.1%
SAU801138	BCE106124	42%	97.4%	96.0%
SAU801138	BFU115595	45%	92.0%	95.3%
SAU801138	BMA107718	43%	95.7%	99.1%
SAU801138	CJU100828	42%	94.6%	99.7%
SAU801138	CPN200846	40%	97.4%	99.7%
SAU801138	CTR200219	42%	97.4%	99.7%
SAU801138	CAC101335	51%	96.6%	99.7%
SAU801138	CBO103589	50%	96.6%	99.7%
SAU801138	CDF100403	40%	47.2%	99.4%
SAU801138	CDF100483	63%	37.5%	99.2%
SAU801138	CDF100608	51%	96.6%	98.8%
SAU801138	CDP100986	39%	95.5%	89.7%
SAU801138	EBC102986	50%	96.0%	99.1%
SAU801138	EFA201458	62%	98.6%	100%
SAU801138	EFM202235	65%	97.7%	99.4%
SAU801138	ECO101682	50%	96.0%	99.1%
SAU801138	HIN101277	46%	96.6%	99.7%
SAU801138	HPY100399	45%	92.6%	97.9%
SAU801138	KPN301693	50%	96.0%	99.1%
SAU801138	LPN101724	50%	95.7%	98.8%
SAU801138	LMO102680	64%	97.4%	98.3%
SAU801138	MCA100196	45%	96.6%	94.2%
SAU801138	MAV106540	43%	90.6%	90.2%
SAU801138	MBV103898	43%	88.9%	87.2%
SAU801138	MLP100869	43%	89.2%	88%
SAU801138	MTU201628	43%	88.9%	90.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801138	MGE100196	37%	85.8%	89.7%
SAU801138	MPN100049	37%	82.4%	85.0%
SAU801138	NGO101895	42%	96.6%	99.7%
SAU801138	NME200858	42%	96.3%	99.1%
SAU801138	PMU100631	48%	96.6%	99.7%
SAU801138	PRT101305	51%	96.0%	99.1%
SAU801138	PAE202738	52%	96.6%	99.7%
SAU801138	PPU103714	51%	96.6%	99.7%
SAU801138	PSY100067	54%	82.7%	99.7%
SAU801138	SPA100213	49%	92.0%	98.7%
SAU801138	STY101116	50%	96.0%	99.1%
SAU801138	STM103449	50%	96.0%	99.1%
SAU801138	SAU801138	100%	100%	100%
SAU801138	SEP200863	90%	99.7%	99.7%
SAU801138	SHA100441	89%	99.7%	99.7%
SAU801138	SMU100485	62%	97.4%	99.7%
SAU801138	SPN400507	60%	96.9%	91.7%
SAU801138	SPY200564	62%	97.4%	92.8%
SAU801138	TPA100963	29%	68.8%	47.9%
SAU801138	UUR100463	40%	92.9%	96.1%
SAU801138	VCH101200	49%	96.6%	99.7%
SAU801138	YPS003058	49%	96.0%	99.1%
SAU801139	ABA102495	35%	90.6%	100%
SAU801139	BAN109820	37%	74.2%	75.8%
SAU801139	BAN101919	47%	100%	99.9%
SAU801139	BFR11118	33%	100%	100%
SAU801139	BPT100285	34%	99.1%	98.9%
SAU801139	BBU100513	23%	36.2%	49.3%
SAU801139	BCE101979	33%	100%	99.9%
SAU801139	BFU107151	31%	40.8%	93.6%
SAU801139	BMA101914	34%	100%	99.9%
SAU801139	CJU100827	26%	100%	100%
SAU801139	CPN200152	29%	98.4%	97.7%
SAU801139	CTR200749	28%	97.9%	97.3%
SAU801139	CAC101148	37%	98.5%	98.4%
SAU801139	CBO103321	38%	100%	99.9%
SAU801139	CDF100484	45%	32.9%	100%
SAU801139	CDF103760	38%	99.4%	99.0%
SAU801139	CDP100987	30%	97.9%	97.7%
SAU801139	EBC102988	37%	72.8%	99.7%
SAU801139	EFA201457	45%	99.8%	99.6%
SAU801139	EFM200867	44%	99.2%	99.1%
SAU801139	ECO101681	37%	99.4%	99.1%
SAU801139	HIN101278	36%	99.2%	98.6%
SAU801139	HPY100398	25%	98.6%	98.4%
SAU801139	KPN301695	37%	99.4%	99.1%
SAU801139	LPN100643	34%	97.8%	97.5%
SAU801139	LMO101759	47%	100%	100%
SAU801139	MCA100197	33%	99.6%	99.4%
SAU801139	MAV106542	30%	100%	99.9%
SAU801139	MBV101271	32%	73%	90.4%
SAU801139	MLP100870	30%	100%	99.8%
SAU801139	MTU201629	30%	100%	99.9%
SAU801139	MGE100197	26%	88.4%	89.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801139	MPN100048	26%	89.6%	89.6%
SAU801139	NGO101903	34%	100%	99.9%
SAU801139	NME200861	34%	100%	99.9%
SAU801139	PMU100629	35%	99%	98.7%
SAU801139	PRT101304	36%	99%	98.7%
SAU801139	PAE202737	35%	99.4%	99.1%
SAU801139	PPU103715	34%	99%	98.7%
SAU801139	PSY100068	35%	99.4%	99.1%
SAU801139	SPA100516	35%	78%	99.4%
SAU801139	STY101114	36%	99.4%	99.1%
SAU801139	STM103450	37%	99.4%	99.1%
SAU801139	SAU801139	100%	100%	100%
SAU801139	SEP200864	78%	100%	100%
SAU801139	SHA100442	80%	62.4%	94.3%
SAU801139	SMU100476	43%	5.4%	95.7%
SAU801139	SMU100483	44%	100%	100%
SAU801139	SPN400509	45%	99.4%	99.2%
SAU801139	SPY200565	44%	100%	100%
SAU801139	TPA100014	25%	35.2%	44.9%
SAU801139	UUR100462	24%	89.6%	90.4%
SAU801139	VCH101201	35%	100%	99.9%
SAU801139	YPS003055	37%	99%	98.7%
SAU801144	BAN110629	43%	83.2%	82.7%
SAU801144	BAN100015	49%	100%	100%
SAU801144	BFR11777	30%	98.6%	98.4%
SAU801144	BBU100098	31%	86.3%	86.4%
SAU801144	CJU100980	23%	82.1%	84.2%
SAU801144	CAC102136	38%	100%	100%
SAU801144	CBO102295	40%	100%	100%
SAU801144	CDF103406	42%	100%	100%
SAU801144	EFA202339	44%	99.5%	99.5%
SAU801144	EFM201371	43%	100%	100%
SAU801144	HPY100613	24%	92.1%	90.9%
SAU801144	LMO101164	47%	100%	100%
SAU801144	SAU801144	100%	100%	100%
SAU801144	SEP200869	84%	100%	100%
SAU801144	SHA101143	83%	77.0%	99.8%
SAU801144	SMU101270	40%	100%	99.0%
SAU801144	SPN400368	38%	100%	99.9%
SAU801144	SPY201414	40%	99.9%	99.9%
SAU801151	ABA103721	33%	81.2%	79.3%
SAU801151	BAN108866	40%	93.6%	100%
SAU801151	BAN105656	42%	98.5%	97.4%
SAU801151	BAN100164	45%	97.7%	93.5%
SAU801151	BAN103658	51%	98.5%	97.4%
SAU801151	BFR102236	34%	98.1%	96.1%
SAU801151	BPT101248	23%	49.6%	54.9%
SAU801151	BBU100100	23%	87.6%	87.4%
SAU801151	BCE107277	33%	73.7%	92.8%
SAU801151	BFU109172	29%	90.6%	93.8%
SAU801151	BMA106607	30%	98.5%	90.3%
SAU801151	CJU101558	34%	94.4%	98%
SAU801151	CAC101362	37%	72.6%	75%
SAU801151	CBO102188	33%	83.5%	84.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801151	CDF101024	39%	98.9%	98.1%
SAU801151	CDP101353	44%	98.5%	98.5%
SAU801151	EBC101695	32%	84.2%	86.5%
SAU801151	EFA201433	50%	94.4%	91.3%
SAU801151	EFM201002	49%	98.9%	95.3%
SAU801151	ECO103873	31%	80.1%	74.0%
SAU801151	HIN101705	29%	82.0%	81.0%
SAU801151	HPY100542	35%	94.4%	99.2%
SAU801151	KPN308897	31%	77.1%	85.1%
SAU801151	LPN100405	42%	85.7%	81.0%
SAU801151	LMO101688	50%	99.2%	99.2%
SAU801151	MCA100045	30%	81.2%	76.8%
SAU801151	MAV103533	40%	95.9%	93.8%
SAU801151	MBV101876	40%	94.0%	91.9%
SAU801151	MLP100726	40%	95.9%	93.4%
SAU801151	MTU201321	40%	94.0%	91.9%
SAU801151	NGO101679	36%	98.5%	97.0%
SAU801151	NME201872	37%	98.5%	97.0%
SAU801151	PMU100917	30%	82.7%	83.3%
SAU801151	PRT105607	32%	82.0%	76.4%
SAU801151	PAE204659	35%	81.2%	81.1%
SAU801151	PPU109719	33%	98.1%	97.7%
SAU801151	PSY106535	35%	96.2%	92.4%
SAU801151	SPA103848	25%	30.5%	66.9%
SAU801151	STY102718	31%	84.2%	86.5%
SAU801151	STM102035	31%	84.2%	79.5%
SAU801151	SAU801151	100%	100%	100%
SAU801151	SEP200875	86%	100%	99.6%
SAU801151	SHA100464	82%	100%	100%
SAU801151	SMU100491	42%	98.9%	99.2%
SAU801151	SPN401694	45%	98.9%	99.2%
SAU801151	SPY200261	43%	98.5%	98.9%
SAU801151	TPA100402	24%	75.2%	75%
SAU801151	VCH100156	30%	88.7%	86.8%
SAU801151	YPS001748	30%	80.5%	74.9%
SAU801152	ABA101490	43%	95.9%	94.2%
SAU801152	BAN102272	53%	53.8%	29.6%
SAU801152	BAN103467	53%	53.8%	29.8%
SAU801152	BFR100882	42%	96.4%	97.4%
SAU801152	BPT102669	41%	93.3%	80.7%
SAU801152	BBU100246	37%	96.9%	96.5%
SAU801152	BCE101174	43%	53.8%	30.6%
SAU801152	BFU112825	42%	98.5%	93.4%
SAU801152	BMA101121	41%	95.4%	91.4%
SAU801152	CJU101298	38%	96.4%	97%
SAU801152	CPN201078	36%	96.4%	94.2%
SAU801152	CTR200884	38%	96.4%	92.8%
SAU801152	CAC102793	46%	94.9%	94.5%
SAU801152	CBO101239	45%	96.9%	97.5%
SAU801152	CDF103949	41%	94.4%	42.1%
SAU801152	CDP101347	33%	96.9%	97.1%
SAU801152	EBC103395	44%	94.9%	96.4%
SAU801152	EFA204162	30%	92.3%	92.4%
SAU801152	EFA201431	48%	94.9%	41.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801152	EFM201013	55%	53.3%	29.4%
SAU801152	ECO102889	43%	94.9%	96.4%
SAU801152	HIN100246	41%	96.4%	99.0%
SAU801152	KPN300507	52%	27.2%	82.8%
SAU801152	KPN302113	46%	94.9%	96.4%
SAU801152	LPN101495	44%	96.9%	99.0%
SAU801152	LMO101778	47%	95.4%	93.6%
SAU801152	MCA101652	45%	93.3%	93.6%
SAU801152	MAV103539	38%	97.4%	96.6%
SAU801152	MBV101882	37%	93.8%	92.6%
SAU801152	MLP100729	35%	95.9%	89.1%
SAU801152	MTU201324	37%	93.8%	92.6%
SAU801152	NGO100831	41%	92.8%	93.0%
SAU801152	NME200785	41%	92.8%	93.0%
SAU801152	PMU101666	42%	96.4%	96.5%
SAU801152	PRT105468	42%	94.9%	96.4%
SAU801152	PAE200386	40%	95.4%	95.9%
SAU801152	PPU102088	41%	94.9%	94.9%
SAU801152	PSY103557	40%	95.4%	95.5%
SAU801152	SPA102538	45%	94.9%	97.4%
SAU801152	STY104601	45%	94.9%	96.4%
SAU801152	STM100605	46%	94.9%	96.4%
SAU801152	SAU801152	100%	100%	100%
SAU801152	SEP200876	72%	100%	100%
SAU801152	SHA100465	70%	99.0%	100%
SAU801152	SMU100489	41%	97.9%	60.3%
SAU801152	SPN401693	42%	94.9%	56.8%
SAU801152	SPY200262	41%	93.3%	57.0%
SAU801152	TPA100434	39%	89.7%	65.8%
SAU801152	VCH100451	44%	99.0%	99%
SAU801152	YPS000246	48%	94.9%	96.4%
SAU801170	BMA101214	41%	98.7%	95.2%
SAU801170	EBC101762	45%	98.4%	97.2%
SAU801170	EFA201006	51%	99.4%	99.4%
SAU801170	EFA201632	52%	99.0%	97.8%
SAU801170	ECO102810	53%	98.7%	98.4%
SAU801170	HIN100574	41%	99.4%	96.8%
SAU801170	MPN100529	45%	100%	100%
SAU801170	PAE205168	41%	98.1%	95.8%
SAU801170	PPU103958	42%	98.1%	95.8%
SAU801170	STY103966	44%	98.7%	95.5%
SAU801170	SAU801170	100%	100%	100%
SAU801170	SEP202230	89%	100%	100%
SAU801170	SHA100424	68%	54.8%	99.4%
SAU801170	SPN401955	49%	99.4%	98.4%
SAU801179	ABA100924	43%	99.0%	98.0%
SAU801179	BAN107720	43%	99.0%	100%
SAU801179	BAN107471	64%	99.0%	99.4%
SAU801179	BFR10235	40%	98.4%	97.0%
SAU801179	BPT103017	39%	92.9%	78.3%
SAU801179	BBU100305	32%	98.7%	98.0%
SAU801179	BCE109760	40%	97.1%	98.7%
SAU801179	BFU100821	39%	98.1%	95.6%
SAU801179	BMA103495	41%	98.7%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801179	CJU100643	38%	97.1%	94.9%
SAU801179	CPN200328	33%	98.1%	97.0%
SAU801179	CTR200537	32%	98.1%	95.4%
SAU801179	CAC101664	53%	98.7%	98.1%
SAU801179	CBO100001	53%	98.1%	95.6%
SAU801179	CDF103476	49%	98.7%	96.5%
SAU801179	CDP101284	38%	93.2%	88.2%
SAU801179	EBC101940	41%	87.1%	83.2%
SAU801179	EFA202184	63%	99.7%	96.9%
SAU801179	EFM200229	64%	99.7%	97.5%
SAU801179	ECO100082	41%	98.7%	97.4%
SAU801179	HIN101104	41%	98.1%	96.0%
SAU801179	HPY100698	38%	97.4%	96.1%
SAU801179	KPN301853	37%	98.7%	88.2%
SAU801179	LPN101684	43%	99.7%	99.7%
SAU801179	LMO102721	67%	99.0%	98.7%
SAU801179	MCA100816	40%	98.4%	92.2%
SAU801179	MAV103917	40%	98.7%	96.0%
SAU801179	MBV101484	43%	92.0%	87.5%
SAU801179	MLP100561	41%	92.6%	77.7%
SAU801179	MTU202131	40%	98.7%	79.8%
SAU801179	MGE100227	34%	98.1%	97.1%
SAU801179	MPN100521	37%	98.1%	97.4%
SAU801179	NGO100619	43%	98.7%	95.6%
SAU801179	NME201916	43%	98.7%	92.7%
SAU801179	PMU100134	43%	98.7%	96.6%
SAU801179	PRT102632	42%	98.7%	97.1%
SAU801179	PAE204418	42%	99.7%	98.7%
SAU801179	PPU105960	40%	99.7%	98.1%
SAU801179	PSY103858	42%	99.7%	98.7%
SAU801179	SPA102751	38%	98.7%	97.4%
SAU801179	STY103148	39%	98.7%	97.4%
SAU801179	STM102860	39%	98.7%	97.4%
SAU801179	SAU801179	100%	100%	100%
SAU801179	SEP200893	89%	100%	100%
SAU801179	SHA101308	91%	100%	100%
SAU801179	SMU101437	56%	99.7%	98.4%
SAU801179	SPN400302	59%	98.1%	96.8%
SAU801179	SPY201283	57%	99.7%	92.3%
SAU801179	TPA100380	30%	68.2%	59.1%
SAU801179	UUR100389	48%	97.1%	96.4%
SAU801179	VCH102374	38%	99.4%	98.7%
SAU801179	YPS000988	41%	98.7%	95.3%
SAU801180	BAN113715	43%	43.6%	81.7%
SAU801180	BAN110605	34%	78.2%	90.8%
SAU801180	EFA202182	24%	80.5%	79.3%
SAU801180	EFM201482	23%	94.7%	100%
SAU801180	LMO102397	32%	75.2%	80.8%
SAU801180	SAU801180	100%	100%	100%
SAU801180	SEP200895	84%	100%	100%
SAU801180	SHA101309	73%	100%	100%
SAU801180	SMU101439	27%	69.2%	86.0%
SAU801180	SPN400303	16%	64.7%	81.9%
SAU801180	SPY201282	25%	69.2%	86.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801181	ABA105255	26%	77.3%	93.3%
SAU801181	BAN113613	30%	9.5%	91.8%
SAU801181	BAN105395	35%	43.0%	95.3%
SAU801181	BAN105591	28%	92.1%	95.1%
SAU801181	BAN110033	36%	95.3%	97.9%
SAU801181	BAN112091	35%	94.6%	97.8%
SAU801181	BFR101372	24%	93.7%	99.0%
SAU801181	BPT103014	29%	65.5%	79.4%
SAU801181	BBU100135	25%	83.3%	95.2%
SAU801181	BCE112144	27%	76.7%	87.3%
SAU801181	BFU100822	27%	76.7%	86.6%
SAU801181	BMA103887	27%	78.1%	90.6%
SAU801181	CPN200330	26%	40.6%	51.6%
SAU801181	CTR200535	25%	59.5%	68.9%
SAU801181	CAC102451	27%	80.1%	99.7%
SAU801181	CAC102718	28%	93.3%	96.4%
SAU801181	CBO100210	28%	95.2%	98.3%
SAU801181	CDF104232	29%	86.8%	98.6%
SAU801181	CDP101283	25%	71.0%	91.5%
SAU801181	EBC102574	26%	76.7%	94.7%
SAU801181	EFA202180	33%	93.4%	95.8%
SAU801181	EFM201754	33%	93.8%	96.3%
SAU801181	ECO100084	26%	76.7%	91.5%
SAU801181	HIN101106	26%	76.6%	87.0%
SAU801181	HPY101533	22%	75.8%	92.0%
SAU801181	KPN301849	26%	76.7%	91.5%
SAU801181	LPN102605	27%	65.5%	85.4%
SAU801181	LMO101211	37%	98.0%	97.7%
SAU801181	MCA100818	24%	77.4%	90.6%
SAU801181	MAV104019	25%	72.3%	82.2%
SAU801181	MBV101482	24%	76.5%	89.3%
SAU801181	MLP100563	25%	74.3%	84.7%
SAU801181	MTU202129	24%	76.5%	84.8%
SAU801181	NGO102402	27%	79.8%	97.7%
SAU801181	NME201914	27%	79.8%	96.0%
SAU801181	PMU100136	27%	73.3%	85.2%
SAU801181	PRT102628	26%	81.6%	98.8%
SAU801181	PAE202270	27%	72.0%	88.8%
SAU801181	PPU111736	26%	76.7%	92.8%
SAU801181	PSY103856	25%	76.7%	93.8%
SAU801181	SPA102753	25%	76.7%	92.1%
SAU801181	STY101764	27%	75.3%	90.7%
SAU801181	STM102862	26%	76.7%	91.5%
SAU801181	SAU801181	100%	100%	100%
SAU801181	SEP200896	80%	100%	95.9%
SAU801181	SHA101310	78%	95.0%	100%
SAU801181	SMU101453	32%	94.1%	96.5%
SAU801181	SPN400304	32%	93.8%	96.4%
SAU801181	SPY201281	30%	95.0%	96.8%
SAU801181	TPA100752	23%	84.5%	92.2%
SAU801181	VCH102372	25%	77.0%	94.3%
SAU801181	YPS000992	25%	76.7%	91.7%
SAU801182	ABA100933	39%	96.6%	90.3%
SAU801182	BAN106826	44%	98.8%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801182	BAN112016	54%	99.4%	97.8%
SAU801182	BFR103500	32%	88.5%	81.0%
SAU801182	BPT103007	39%	96.0%	90.2%
SAU801182	BBU100302	37%	96.6%	92.3%
SAU801182	BCE112929	44%	55.1%	93.0%
SAU801182	BFU100825	38%	96.6%	90.7%
SAU801182	BMA100546	41%	96.6%	90.7%
SAU801182	CJU100401	44%	96.3%	91.2%
SAU801182	CPN200949	34%	96.6%	92.3%
SAU801182	CTR200133	36%	96.6%	94.9%
SAU801182	CAC103184	45%	97.5%	97.5%
SAU801182	CBO103583	44%	97.2%	97.5%
SAU801182	CBO100702	50%	96.9%	97.2%
SAU801182	CDF103820	41%	96.9%	93.3%
SAU801182	CDP101276	38%	97.8%	95.4%
SAU801182	EBC102571	41%	97.5%	90.8%
SAU801182	EFA202177	51%	98.8%	97.8%
SAU801182	EFM200138	51%	99.1%	99.4%
SAU801182	ECO100087	41%	97.5%	90.8%
SAU801182	HIN101109	41%	96.6%	90%
SAU801182	HPY100488	38%	96.3%	90.7%
SAU801182	KPN301856	41%	97.5%	90.8%
SAU801182	LPN102792	42%	67.3%	97.5%
SAU801182	LMO102708	53%	96.9%	95.7%
SAU801182	MCA100821	38%	96.9%	93.2%
SAU801182	MAV103996	36%	98.1%	95.5%
SAU801182	MLP100566	37%	98.1%	95.5%
SAU801182	MTU202122	36%	98.1%	95.5%
SAU801182	NGO100597	41%	96.9%	90.6%
SAU801182	NME201910	42%	96.9%	90.6%
SAU801182	PMU100139	41%	96.6%	90%
SAU801182	PRT102641	44%	96.6%	90%
SAU801182	PAE204413	43%	96.6%	90%
SAU801182	PPU105952	43%	96.6%	90%
SAU801182	PSY103851	43%	96.6%	90%
SAU801182	SPA102756	41%	97.5%	92.9%
SAU801182	STY103173	41%	97.5%	90.8%
SAU801182	STM102884	42%	97.5%	90.8%
SAU801182	SAU801182	100%	100%	100%
SAU801182	SEP200897	87%	100%	100%
SAU801182	SHA101311	87%	100%	100%
SAU801182	SMU101454	40%	98.1%	97.3%
SAU801182	SPN400305	44%	97.5%	97.9%
SAU801182	SPY201280	40%	99.1%	98.2%
SAU801182	TPA100341	26%	84.4%	78.0%
SAU801182	VCH102369	42%	97.5%	90.8%
SAU801182	YPS000995	44%	97.5%	90.8%
SAU801183	ABA105049	29%	95.1%	96.4%
SAU801183	BAN101698	42%	96.4%	99.1%
SAU801183	BAN100427	50%	98.0%	98.7%
SAU801183	BFR11370	36%	95.5%	98.2%
SAU801183	BPT103005	27%	96.2%	95.5%
SAU801183	BBU100584	28%	96.2%	97.1%
SAU801183	BFU100814	26%	95.1%	94.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801183	BMA102821	25%	95.1%	96.8%
SAU801183	CJU100400	25%	81.7%	84.6%
SAU801183	CPN200948	26%	95.5%	96.9%
SAU801183	CTR200134	27%	95.5%	92.8%
SAU801183	CAC103488	33%	96.7%	96.3%
SAU801183	CBO101756	33%	96.2%	96.1%
SAU801183	CDF104583	38%	96.2%	97.8%
SAU801183	CDP101273	27%	96.9%	94.8%
SAU801183	EBC102570	30%	97.6%	98.2%
SAU801183	EFA202176	50%	98.0%	97.8%
SAU801183	EFM201395	51%	96.4%	97.1%
SAU801183	ECO100088	31%	97.6%	98.2%
SAU801183	HIN101110	31%	96.0%	97.3%
SAU801183	HPY100489	26%	82.2%	85.8%
SAU801183	KPN300285	27%	19.2%	55.1%
SAU801183	KPN302061	27%	19.2%	26.5%
SAU801183	KPN300322	34%	37.9%	86.7%
SAU801183	KPN301854	31%	97.6%	98.2%
SAU801183	LPN102050	31%	93.3%	100%
SAU801183	LMO100907	48%	96.2%	95.8%
SAU801183	MCA103645	30%	97.8%	99.6%
SAU801183	MAV103995	30%	44.1%	76.8%
SAU801183	MBV100523	25%	96.4%	95.9%
SAU801183	MLP100567	25%	96.4%	97.3%
SAU801183	MTU202121	26%	96.4%	97.3%
SAU801183	NGO100590	30%	97.3%	99.1%
SAU801183	NME201908	30%	97.3%	99.1%
SAU801183	PMU100140	31%	96.7%	97.9%
SAU801183	PRT102639	32%	97.6%	98.2%
SAU801183	PAE204412	28%	94.9%	96.0%
SAU801183	PPU105951	29%	95.3%	96%
SAU801183	PSY103849	30%	80.8%	93.1%
SAU801183	SPA102757	28%	57.0%	71.5%
SAU801183	STY103174	29%	96.0%	97.3%
SAU801183	STM102886	29%	96.0%	97.3%
SAU801183	SAU801183	100%	100%	100%
SAU801183	SEP200898	89%	100%	100%
SAU801183	SHA101312	86%	59.9%	100%
SAU801183	SMU100079	47%	98.9%	99.1%
SAU801183	SPN400603	46%	96.4%	96.9%
SAU801183	SPY201174	47%	97.6%	97.6%
SAU801183	TPA100893	22%	97.3%	97.9%
SAU801183	VCH102368	28%	97.1%	92.5%
SAU801183	YPS001010	30%	97.6%	98.2%
SAU801184	BAN105429	30%	53.3%	89.3%
SAU801184	BAN113055	30%	56.3%	91.7%
SAU801184	BBU100300	25%	31.0%	56.3%
SAU801184	BMA101206	20%	24.4%	14.4%
SAU801184	CAC103429	21%	52.6%	94.8%
SAU801184	CBO101421	23%	55.8%	95.3%
SAU801184	CDF104368	28%	42.6%	81.3%
SAU801184	EFA202172	26%	76.8%	90.6%
SAU801184	EFM200367	26%	83.8%	89.2%
SAU801184	LMO101774	29%	60.8%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801184	NGO100580	21%	56.7%	96.7%
SAU801184	NME201903	21%	54.9%	96.7%
SAU801184	SAU801184	100%	100%	100%
SAU801184	SEP200899	51%	99.8%	96.1%
SAU801184	SHA100844	47%	83.8%	99.5%
SAU801184	SMU100083	21%	68.3%	84.0%
SAU801184	SPN400605	21%	97.7%	99.2%
SAU801184	SPY201172	23%	72.0%	86.1%
SAU801184	TPA100384	27%	23.7%	39.1%
SAU801185	ABA100623	24%	73.0%	82.1%
SAU801185	BAN111291	37%	77.4%	85.1%
SAU801185	BAN101900	37%	77.4%	84.3%
SAU801185	BFR102146	23%	98.9%	97.7%
SAU801185	BPT102984	28%	77.2%	90.4%
SAU801185	BBU100299	26%	77.9%	90.8%
SAU801185	BCE109663	28%	76.6%	89.3%
SAU801185	BFU100407	28%	76.6%	89.3%
SAU801185	BMA104126	28%	76.6%	89.3%
SAU801185	CJU100645	24%	88.1%	92.2%
SAU801185	CAC100288	22%	91.1%	98.1%
SAU801185	CBO102974	24%	85.5%	94.1%
SAU801185	EBC101798	25%	76.6%	89.2%
SAU801185	EFA202170	30%	78.7%	84.3%
SAU801185	EFM201888	29%	95.5%	96.8%
SAU801185	ECO100094	24%	76.6%	88.8%
SAU801185	HIN101116	28%	77.9%	89.4%
SAU801185	HPY100962	23%	76.6%	80.5%
SAU801185	KPN300531	25%	41.3%	84.9%
SAU801185	LPN103001	28%	71.3%	81.6%
SAU801185	LMO101001	34%	79.6%	88.0%
SAU801185	MCA100438	24%	72.3%	79.4%
SAU801185	NGO100578	28%	78.3%	90.6%
SAU801185	NME201902	28%	78.3%	90.6%
SAU801185	PMU100146	26%	77.9%	89.4%
SAU801185	PRT102629	25%	73.0%	84.0%
SAU801185	PAE204406	28%	76.6%	87.8%
SAU801185	PPU111774	26%	76.8%	89.1%
SAU801185	PSY103837	26%	76.6%	89.3%
SAU801185	SPA101844	25%	76.6%	88.7%
SAU801185	STY103209	25%	76.6%	88.8%
SAU801185	STM102892	25%	76.6%	88.8%
SAU801185	SAU801185	100%	100%	100%
SAU801185	SEP200915	86%	100%	100%
SAU801185	SHA100845	78%	100%	100%
SAU801185	SMU100084	30%	93.4%	95.8%
SAU801185	SPN401510	34%	77.0%	79.2%
SAU801185	SPY201171	30%	85.5%	91.2%
SAU801185	TPA100385	24%	76.6%	90.3%
SAU801185	VCH102363	25%	77.9%	90.2%
SAU801185	YPS001022	26%	76.6%	89.2%
SAU801186	ABA100622	48%	96.2%	96.4%
SAU801186	BAN103024	66%	98.2%	100%
SAU801186	BAN112439	68%	98.2%	100%
SAU801186	BFR12421	47%	77.4%	69.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801186	BPT102981	41%	99.7%	94.7%
SAU801186	BBU100298	52%	95.4%	92.8%
SAU801186	BCE103310	54%	70%	94.1%
SAU801186	BFU100408	53%	77.2%	75.1%
SAU801186	BMA104500	44%	94.6%	96.5%
SAU801186	CJU100646	48%	81.0%	85.7%
SAU801186	CAC100838	59%	98.5%	99.7%
SAU801186	CBO103263	59%	97.9%	100%
SAU801186	CDF102447	57%	97.4%	97.5%
SAU801186	CDP101254	53%	97.9%	92.5%
SAU801186	EBC101797	57%	38.2%	91.4%
SAU801186	EFA202168	69%	80.3%	76.3%
SAU801186	EFM200220	68%	80.3%	75.8%
SAU801186	ECO100095	52%	79.0%	81.2%
SAU801186	HIN101117	46%	78.5%	78.1%
SAU801186	HPY100963	39%	95.1%	93.0%
SAU801186	KPN300530	58%	38.5%	93.8%
SAU801186	LPN100473	51%	7.9%	76.9%
SAU801186	LMO101235	68%	98.2%	99.7%
SAU801186	MCA101528	50%	79.7%	87.1%
SAU801186	MAV103265	55%	94.9%	98.2%
SAU801186	MBV100533	54%	94.9%	98.4%
SAU801186	MLP100572	53%	94.9%	98.4%
SAU801186	MTU202116	54%	94.9%	98.4%
SAU801186	MGE100229	28%	73.6%	81.6%
SAU801186	MPN100519	30%	54.4%	54.7%
SAU801186	NGO100577	53%	78.7%	79.1%
SAU801186	NME201901	50%	85.9%	84.2%
SAU801186	PMU100147	46%	81.0%	78.1%
SAU801186	PRT102627	56%	44.1%	92.0%
SAU801186	PAE204405	45%	97.9%	100%
SAU801186	PPU105993	52%	80.5%	79.1%
SAU801186	PSY103835	52%	81.5%	80.8%
SAU801186	SPA100031	45%	49.5%	74.3%
SAU801186	STY103211	52%	79.0%	81.2%
SAU801186	STM102893	52%	79.0%	81.2%
SAU801186	SAU801186	100%	100%	100%
SAU801186	SEP200917	92%	100%	100%
SAU801186	SHA100846	92%	100%	100%
SAU801186	SMU100085	64%	77.7%	69.8%
SAU801186	SPN401509	65%	77.7%	72.3%
SAU801186	SPY201170	65%	77.7%	69.0%
SAU801186	TPA100386	48%	94.6%	95.0%
SAU801186	VCH102362	52%	78.7%	77.4%
SAU801186	YPS001023	45%	95.1%	97.4%
SAU801188	ABA100699	33%	99.1%	96.5%
SAU801188	BAN102298	60%	86.6%	97%
SAU801188	BAN105813	55%	99.1%	99.6%
SAU801188	BFR10478	35%	99.1%	98.6%
SAU801188	BPT100358	38%	86.2%	73.1%
SAU801188	BCE102004	36%	87.5%	85.8%
SAU801188	BFU102631	35%	97.8%	96.1%
SAU801188	CJU100669	30%	85.3%	91.0%
SAU801188	CAC102293	35%	93.8%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801188	CBO100252	32%	99.1%	97.3%
SAU801188	CDF104041	44%	98.2%	94.9%
SAU801188	CDP100613	40%	85.3%	85.1%
SAU801188	EBC103402	31%	99.1%	97.4%
SAU801188	EFA202166	49%	96.9%	97.8%
SAU801188	EFM200029	45%	98.7%	99.6%
SAU801188	ECO102886	31%	99.1%	97.0%
SAU801188	HIN100089	30%	98.7%	95.8%
SAU801188	HPY100391	32%	86.6%	86.9%
SAU801188	KPN302105	33%	99.1%	97.4%
SAU801188	LPN100888	34%	100%	98.3%
SAU801188	LMO101181	49%	99.6%	98.3%
SAU801188	MCA100523	27%	97.3%	91.5%
SAU801188	MAV103261	27%	66.1%	59.0%
SAU801188	MBV100535	26%	86.2%	79.5%
SAU801188	MLP100574	31%	66.1%	59.2%
SAU801188	MTU202114	26%	86.2%	81.4%
SAU801188	NGO101964	33%	87.1%	86.4%
SAU801188	NME200206	34%	87.1%	86.4%
SAU801188	PMU100112	31%	100%	98.7%
SAU801188	PRT105809	30%	99.1%	97.0%
SAU801188	PAE200393	34%	99.1%	96.1%
SAU801188	PPU102082	35%	98.2%	96.1%
SAU801188	PSY103724	36%	87.5%	85.1%
SAU801188	SPA102546	30%	89.7%	91.8%
SAU801188	STY104582	31%	99.1%	94.0%
SAU801188	STM100599	31%	99.1%	94.0%
SAU801188	SAU801188	100%	100%	100%
SAU801188	SEP200921	74%	99.1%	100%
SAU801188	SHA100042	66%	42.9%	100%
SAU801188	SMU100094	47%	96.9%	98.2%
SAU801188	SPN401508	47%	96.9%	98.2%
SAU801188	SPY201169	51%	87.5%	88.3%
SAU801188	VCH100456	33%	99.1%	96.6%
SAU801188	YPS000235	28%	97.8%	95.7%
SAU801189	BAN107825	43%	66.3%	84.2%
SAU801189	BAN111609	43%	66.3%	82.1%
SAU801189	CAC101019	26%	60.4%	72.0%
SAU801189	CBO102919	29%	67.4%	78.7%
SAU801189	CDF103744	31%	62.6%	71.1%
SAU801189	CDP101251	26%	38.0%	47.7%
SAU801189	EFA205207	33%	94.7%	95.8%
SAU801189	EFM202104	31%	87.7%	88.9%
SAU801189	LMO100809	43%	94.7%	96.7%
SAU801189	MAV103259	25%	55.1%	49.5%
SAU801189	MBV100536	24%	58.3%	46.5%
SAU801189	MLP100575	25%	55.1%	50.5%
SAU801189	MTU202113	24%	58.3%	46.5%
SAU801189	SAU801189	100%	100%	100%
SAU801189	SEP200923	71%	98.4%	100%
SAU801189	SHA100165	64%	97.9%	97.5%
SAU801189	SMU100097	29%	89.8%	88.0%
SAU801189	SPN401507	22%	89.8%	85.5%
SAU801189	SPY201168	28%	76.5%	63.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801192	BAN105377	36%	78.5%	95.8%
SAU801192	BAN104329	36%	78.5%	95.8%
SAU801192	CAC103030	27%	98.5%	95.6%
SAU801192	CBO103567	25%	76.1%	70.3%
SAU801192	CDF101598	26%	78.5%	98.9%
SAU801192	EFA202162	27%	100%	93.6%
SAU801192	EFM200763	26%	92.7%	93.6%
SAU801192	LMO101008	42%	78.5%	92%
SAU801192	MAV103271	25%	69.8%	90%
SAU801192	MBV100524	25%	69.8%	90%
SAU801192	MTU202111	25%	69.8%	90%
SAU801192	SAU801192	100%	100%	100%
SAU801192	SEP200927	77%	98.5%	94.0%
SAU801192	SHA101033	70%	99.0%	89.6%
SAU801192	SMU100106	31%	74.1%	60.1%
SAU801192	SPN401504	31%	74.1%	61.3%
SAU801192	SPY201165	27%	95.6%	83.7%
SAU801192	UUR100397	33%	31.2%	77.8%
SAU801193	ABA103852	41%	99.0%	98.5%
SAU801193	BAN106248	53%	97.1%	100%
SAU801193	BAN106209	62%	87.2%	99.4%
SAU801193	BFR10500	26%	84.1%	80.7%
SAU801193	BPT100432	40%	99.1%	98.5%
SAU801193	BBU100832	27%	94.8%	81.7%
SAU801193	BCE111670	40%	93.5%	94.2%
SAU801193	BFU101230	41%	97.9%	96.4%
SAU801193	BMA102496	35%	99.5%	95.1%
SAU801193	BMA109115	40%	97.9%	96.4%
SAU801193	CJU100989	38%	99.9%	99.8%
SAU801193	CPN200653	28%	90.8%	80.3%
SAU801193	CTR200283	30%	85.9%	76.6%
SAU801193	CAC102765	32%	84.3%	75.2%
SAU801193	CBO100873	33%	55.7%	96.6%
SAU801193	CDF104554	32%	85.2%	76.0%
SAU801193	CDP101247	29%	88.0%	77.9%
SAU801193	EBC102151	41%	98.9%	100%
SAU801193	EFA202160	61%	99.7%	98.7%
SAU801193	EFM201425	60%	99.7%	98.5%
SAU801193	ECO100026	42%	99.0%	98.3%
SAU801193	HPY101401	37%	99.6%	99.6%
SAU801193	KPN300290	52%	4.8%	100%
SAU801193	KPN306610	42%	97.5%	98.5%
SAU801193	LPN101832	44%	99.0%	98.3%
SAU801193	LMO101679	61%	99.6%	99.3%
SAU801193	MCA103671	39%	4.4%	19.2%
SAU801193	MAV103388	28%	92.6%	81.0%
SAU801193	MBV102555	28%	83.5%	75.3%
SAU801193	MLP100743	26%	93.3%	83.8%
SAU801193	MTU201515	28%	83.5%	75.3%
SAU801193	MGE100354	37%	99.5%	99.9%
SAU801193	MPN100322	38%	90.6%	96.1%
SAU801193	NGO101799	42%	99.5%	99.0%
SAU801193	NME200578	42%	99.5%	98.7%
SAU801193	PMU101662	43%	99.6%	98.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801193	PRT101657	43%	99.0%	98.3%
SAU801193	PAE204558	41%	99.0%	98.3%
SAU801193	PPU109898	41%	99.0%	98.3%
SAU801193	PSY102684	41%	97.5%	98.5%
SAU801193	SPA100667	41%	82.4%	97.7%
SAU801193	STY101103	42%	99.0%	98.3%
SAU801193	STM100818	42%	99.0%	98.3%
SAU801193	SAU801193	100%	100%	100%
SAU801193	SEP200928	88%	100%	99.7%
SAU801193	SHA101034	88%	99.5%	100%
SAU801193	SMU100109	55%	99.8%	98.6%
SAU801193	SPN401501	54%	99.7%	98.5%
SAU801193	SPY201164	56%	96.8%	95.5%
SAU801193	TPA100448	25%	95.0%	83.2%
SAU801193	UUR100414	41%	99.6%	99.8%
SAU801193	VCH100669	43%	99.0%	98.3%
SAU801193	YPS000810	43%	99.0%	98.3%
SAU801201	ABA104096	29%	96.5%	98.1%
SAU801201	BAN105008	50%	98.8%	100%
SAU801201	BAN109895	63%	98.8%	97.9%
SAU801201	BFR103702	27%	98.1%	91.5%
SAU801201	BPT102422	26%	89.6%	98.2%
SAU801201	BCE103736	32%	98.6%	98.6%
SAU801201	BFU104929	32%	96.5%	96.0%
SAU801201	BMA105735	32%	98.6%	98.6%
SAU801201	CJU101120	26%	89.9%	91.8%
SAU801201	CAC103721	40%	99.3%	99.5%
SAU801201	CBO101305	31%	97.6%	97.2%
SAU801201	CDF100578	42%	99.1%	99.5%
SAU801201	CDP100341	37%	98.1%	92.9%
SAU801201	EBC104972	38%	11.1%	9.6%
SAU801201	EFA201088	56%	97.6%	97.2%
SAU801201	EFM200431	59%	98.8%	98.6%
SAU801201	ECO100503	29%	98.8%	94.7%
SAU801201	HPY100262	23%	98.6%	97.4%
SAU801201	KPN307585	38%	13.7%	12.3%
SAU801201	LPN103194	34%	13.9%	15.3%
SAU801201	LMO102149	64%	99.8%	99.5%
SAU801201	MCA100879	28%	90.1%	94.2%
SAU801201	MAV103353	37%	95.8%	95.3%
SAU801201	MBV100044	34%	71.5%	96.8%
SAU801201	MLP100325	37%	97.2%	96.7%
SAU801201	MTU201364	38%	95.8%	95.3%
SAU801201	NGO100980	31%	26.4%	32.3%
SAU801201	NME200819	27%	67.5%	79.4%
SAU801201	PAE200400	32%	96.0%	95.7%
SAU801201	PPU109222	33%	95.8%	95.5%
SAU801201	PSY103720	32%	95.5%	95.3%
SAU801201	SPA103882	30%	98.8%	94.7%
SAU801201	STY100935	30%	98.8%	94.7%
SAU801201	STM100648	30%	98.8%	94.7%
SAU801201	SAU801201	100%	100%	100%
SAU801201	SEP201466	78%	100%	100%
SAU801201	SHA102128	83%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801201	SMU101043	41%	99.3%	99.8%
SAU801201	SPN401053	42%	99.3%	99.8%
SAU801201	SPY200678	42%	99.1%	99.5%
SAU801201	VCH103644	24%	65.6%	74.6%
SAU801205	ABA100625	27%	80.8%	80.6%
SAU801205	BAN108573	50%	98.0%	99.0%
SAU801205	BAN110842	60%	100%	96.7%
SAU801205	BFR12198	48%	97.5%	93.4%
SAU801205	BCE100693	33%	92.1%	72.5%
SAU801205	BFU101074	32%	87.2%	78.9%
SAU801205	BMA106142	38%	57.6%	91.5%
SAU801205	BMA105198	32%	92.1%	83.3%
SAU801205	CJU100206	24%	73.4%	76.7%
SAU801205	CPN200137	24%	82.3%	79.0%
SAU801205	CAC100649	31%	41.4%	41.1%
SAU801205	CDP101383	34%	66.5%	76.3%
SAU801205	EBC103731	26%	41.4%	41.8%
SAU801205	EFA201101	60%	98.0%	94.8%
SAU801205	EFM202393	57%	97.0%	94.3%
SAU801205	ECO103564	28%	41.4%	41.8%
SAU801205	HPY101240	24%	73.4%	77.1%
SAU801205	KPN204506	28%	41.4%	41.8%
SAU801205	LPN102097	26%	66.5%	67.6%
SAU801205	LMO102924	59%	98.0%	95.2%
SAU801205	MCA101253	26%	77.3%	87.1%
SAU801205	MAV102308	36%	62.1%	69.2%
SAU801205	MBV100426	34%	62.1%	70.4%
SAU801205	MLP101478	30%	77.8%	88.3%
SAU801205	MTU200381	34%	62.1%	70.4%
SAU801205	PMU101877	27%	41.4%	41.6%
SAU801205	PRT105176	31%	44.8%	44.4%
SAU801205	PAE205326	31%	41.4%	41.8%
SAU801205	SPA102548	27%	41.4%	41.8%
SAU801205	STY104543	27%	41.4%	41.8%
SAU801205	SAU801205	100%	100%	100%
SAU801205	SEP201475	81%	100%	100%
SAU801205	SHA102132	83%	99.5%	100%
SAU801205	SMU101057	56%	99.0%	96.2%
SAU801205	SPN400614	56%	99.0%	95.7%
SAU801205	SPY200673	55%	99.0%	96.2%
SAU801205	VCH100209	30%	41.4%	41.6%
SAU801205	YPS001414	27%	41.4%	41.4%
SAU801208	BAN107106	41%	99.6%	100%
SAU801208	BAN106675	46%	99.6%	99.8%
SAU801208	BBU100346	29%	18.4%	4.6%
SAU801208	CJU101273	27%	9.2%	35.6%
SAU801208	CAC101472	38%	98.1%	99.1%
SAU801208	CBO100220	37%	98.1%	98.6%
SAU801208	CDF100071	37%	35.9%	97.7%
SAU801208	CDF102341	38%	99.6%	99.3%
SAU801208	EFA200648	40%	99.8%	98.9%
SAU801208	EFM200633	39%	99.8%	99.6%
SAU801208	ECO203135	25%	15.6%	27.8%
SAU801208	HPY101372	24%	51.9%	63.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801208	LMO100988	42%	99.6%	99.8%
SAU801208	MAV104086	25%	18.1%	27.2%
SAU801208	PMU101771	26%	19.5%	30.8%
SAU801208	SAU801208	100%	100%	100%
SAU801208	SEP201479	82%	99.8%	99.8%
SAU801208	SHA102135	81%	99.6%	99.6%
SAU801208	SMU100348	40%	99.6%	99.8%
SAU801208	SPN400868	39%	99.8%	98.2%
SAU801208	SPY200766	40%	99.6%	99.6%
SAU801220	BAN103092	26%	38.9%	98.9%
SAU801220	BAN112197	26%	99.5%	99.7%
SAU801220	BAN100271	34%	99.5%	99.4%
SAU801220	BFR100304	33%	33.6%	84.4%
SAU801220	BCE114461	33%	32.1%	62.7%
SAU801220	BFU114300	30%	31.3%	31.3%
SAU801220	BMA103072	32%	39.5%	96.8%
SAU801220	CPN200667	31%	39.8%	31.1%
SAU801220	CTR200567	27%	39.2%	31.2%
SAU801220	CAC102901	33%	86.6%	87.8%
SAU801220	CBO101331	33%	93.5%	93.2%
SAU801220	CDF103395	33%	66.3%	80.7%
SAU801220	CDP101333	29%	80.3%	90.8%
SAU801220	EBC104702	35%	22.9%	9.6%
SAU801220	EFA201561	35%	70.3%	92.2%
SAU801220	EFM201980	38%	66.6%	92.9%
SAU801220	ECO201271	26%	38.0%	72.1%
SAU801220	KPN303489	27%	39.2%	53.4%
SAU801220	LPN102115	24%	28.5%	18.7%
SAU801220	LMO100883	37%	99.5%	99.5%
SAU801220	MAV103512	31%	86.3%	88.5%
SAU801220	MBV103463	37%	9.3%	89.9%
SAU801220	MBV106232	30%	69.4%	92.0%
SAU801220	MLP100014	31%	69.4%	92.0%
SAU801220	MTU200014	30%	69.4%	92.0%
SAU801220	MGE100111	29%	37.2%	79.6%
SAU801220	MPN100584	28%	42.3%	84.6%
SAU801220	PAE200074	31%	46.5%	28.0%
SAU801220	PPU101810	29%	30.7%	33.1%
SAU801220	PSY105556	30%	33.3%	56.9%
SAU801220	STY104340	28%	38.4%	75.1%
SAU801220	SAU801220	100%	100%	100%
SAU801220	SEP201501	67%	99.7%	99.8%
SAU801220	SHA102145	59%	99.5%	100%
SAU801220	SMU101509	31%	88.7%	97.1%
SAU801220	SPN401575	34%	92.8%	71.6%
SAU801220	SPY201251	33%	85.4%	89.4%
SAU801220	TPA100304	21%	17.3%	33.9%
SAU801220	UUR100217	27%	42.6%	84.2%
SAU801230	ABA100558	42%	96.1%	90.5%
SAU801230	BAN107404	34%	97.4%	96.9%
SAU801230	BAN106364	46%	98.1%	96.8%
SAU801230	BFR11476	42%	94.5%	99.0%
SAU801230	BPT102620	40%	93.5%	92.9%
SAU801230	BCE103323	39%	95.1%	91.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801230	BFU100683	39%	95.1%	94.5%
SAU801230	BMA100069	40%	95.1%	94.8%
SAU801230	CJU100105	37%	91.6%	92.2%
SAU801230	CPN200455	36%	96.8%	96.4%
SAU801230	CTR200502	37%	98.7%	98.4%
SAU801230	CAC103563	44%	97.7%	98.4%
SAU801230	CBO101300	43%	97.7%	95.0%
SAU801230	CDF101771	44%	99.4%	96.8%
SAU801230	EBC100252	43%	66.6%	85.4%
SAU801230	EFA200242	39%	95.5%	94.8%
SAU801230	EFM200686	39%	95.5%	95.7%
SAU801230	ECO101065	40%	92.9%	93.2%
SAU801230	HIN100149	39%	99.0%	97.8%
SAU801230	HPY100088	30%	98.1%	96.1%
SAU801230	KPN300448	42%	48.7%	87.6%
SAU801230	KPN300815	39%	92.9%	93.5%
SAU801230	LPN103175	37%	95.8%	94.6%
SAU801230	LMO101375	48%	98.1%	97.1%
SAU801230	MCA100612	35%	97.1%	96.6%
SAU801230	MAV102169	32%	96.1%	28.5%
SAU801230	MBV105147	34%	92.5%	15.6%
SAU801230	MLP100101	34%	92.5%	13.4%
SAU801230	MTU202908	34%	92.5%	17.4%
SAU801230	NGO101393	38%	92.2%	92.5%
SAU801230	NME200497	37%	98.1%	98.4%
SAU801230	PMU101915	38%	99.4%	99.0%
SAU801230	PRT100032	36%	100%	100%
SAU801230	PAE202966	38%	95.8%	95.2%
SAU801230	PPU104834	41%	96.4%	82.1%
SAU801230	PSY101698	38%	95.1%	94.6%
SAU801230	SPA100960	39%	92.9%	93.2%
SAU801230	STY102531	40%	92.9%	93.2%
SAU801230	STM102720	40%	92.9%	93.2%
SAU801230	SAU801230	100%	100%	100%
SAU801230	SEP201521	78%	99.7%	98.4%
SAU801230	SHA101737	80%	100%	98.7%
SAU801230	SMU100543	42%	99.7%	100%
SAU801230	SPN400380	40%	96.1%	96.4%
SAU801230	SPY201349	39%	98.1%	96.5%
SAU801230	VCH101992	39%	98.1%	98.4%
SAU801230	YPS003126	39%	92.9%	93.2%
SAU801231	ABA100557	50%	98.4%	97.5%
SAU801231	BAN107352	49%	96.7%	96.8%
SAU801231	BAN101218	64%	98.4%	98.4%
SAU801231	BFR10719	52%	98.4%	97.6%
SAU801231	BPT102619	53%	98.4%	95.6%
SAU801231	BCE112767	56%	97.6%	96.0%
SAU801231	BFU100684	56%	97.6%	96.0%
SAU801231	BMA106290	55%	97.6%	96.0%
SAU801231	CJU100403	46%	98.4%	98.0%
SAU801231	CPN200456	43%	97.6%	96.4%
SAU801231	CTR200501	47%	98.4%	97.6%
SAU801231	CAC102747	32%	99.2%	91.6%
SAU801231	CAC100570	55%	98.4%	97.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801231	CBO102327	55%	97.6%	95.2%
SAU801231	CDF101772	56%	97.6%	96.4%
SAU801231	CDP101282	34%	72.8%	62.8%
SAU801231	EBC100251	62%	66.7%	99.4%
SAU801231	EFA200243	51%	100%	99.2%
SAU801231	EFM201914	52%	98.4%	97.1%
SAU801231	ECO101066	55%	98.4%	97.5%
SAU801231	HIN100148	52%	98.4%	98.3%
SAU801231	HPY100554	43%	98.4%	98.0%
SAU801231	KPN300814	54%	98.4%	97.5%
SAU801231	LPN103118	51%	98.4%	97.2%
SAU801231	LMO102009	62%	98.4%	98.0%
SAU801231	MCA101812	48%	82.9%	93.1%
SAU801231	MAV103538	40%	98.4%	90.2%
SAU801231	MBV105473	41%	98.4%	97.2%
SAU801231	MLP101100	45%	99.2%	91.7%
SAU801231	MTU201333	41%	98.4%	97.2%
SAU801231	NGO101381	54%	98.4%	96.4%
SAU801231	NME200494	55%	98.4%	96.4%
SAU801231	PMU101916	52%	98.0%	97.9%
SAU801231	PRT100071	55%	98.4%	97.5%
SAU801231	PAE202965	51%	98.4%	97.6%
SAU801231	PPU101751	52%	98.4%	98.0%
SAU801231	PSY108154	50%	98.4%	97.6%
SAU801231	SPA100959	53%	98.4%	97.5%
SAU801231	STY102532	54%	98.4%	97.5%
SAU801231	STM102721	54%	98.4%	97.5%
SAU801231	SAU801231	100%	100%	100%
SAU801231	SEP200094	37%	99.2%	99.6%
SAU801231	SEP201523	92%	99.2%	100%
SAU801231	SHA101738	90%	98.4%	98.8%
SAU801231	SMU100541	46%	98.4%	97.5%
SAU801231	SPN400381	47%	98.4%	97.9%
SAU801231	SPY201348	47%	98.4%	97.5%
SAU801231	VCH101991	54%	98.4%	96.0%
SAU801231	YPS003130	54%	98.4%	97.5%
SAU801232	ABA100149	53%	55.8%	87.8%
SAU801232	BAN107311	67%	90.9%	87.5%
SAU801232	BFR100793	62%	93.5%	92.3%
SAU801232	BPT104633	60%	96.1%	94.9%
SAU801232	BBU100703	49%	92.2%	88.8%
SAU801232	BCE109854	58%	92.2%	91.1%
SAU801232	BFU104450	58%	92.2%	91.1%
SAU801232	BMA104399	58%	92.2%	91.1%
SAU801232	CJU100409	48%	100%	100%
SAU801232	CPN200457	54%	88.3%	86.1%
SAU801232	CTR200500	54%	88.3%	88.3%
SAU801232	CAC100280	61%	92.2%	92.2%
SAU801232	CBO102204	59%	92.2%	68.3%
SAU801232	CDF104494	52%	92.2%	95.9%
SAU801232	CDF102560	58%	89.6%	93.3%
SAU801232	CDP102441	36%	81.8%	65.3%
SAU801232	EBC107855	25%	93.5%	86.7%
SAU801232	EFA204896	56%	94.8%	92.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801232	EFM201177	66%	62.3%	92.3%
SAU801232	ECO101067	63%	89.6%	88.5%
SAU801232	HIN100147	58%	90.9%	92.1%
SAU801232	HPY100946	52%	90.9%	45.1%
SAU801232	HPY100552	56%	93.5%	92.3%
SAU801232	KPN301296	62%	89.6%	88.5%
SAU801232	LPN100598	58%	90.9%	85.4%
SAU801232	LMO102315	71%	94.8%	94.8%
SAU801232	MCA100571	48%	88.3%	87.2%
SAU801232	MAV103068	40%	92.2%	61.7%
SAU801232	MBV100652	39%	92.2%	61.7%
SAU801232	MLP101007	39%	92.2%	61.7%
SAU801232	MTU202210	39%	92.2%	61.7%
SAU801232	MGE100293	29%	90.9%	83.3%
SAU801232	MPN100432	28%	58.4%	53.6%
SAU801232	NGO100692	57%	96.1%	96.2%
SAU801232	NME200041	56%	96.1%	96.2%
SAU801232	PMU101917	60%	90.9%	92.1%
SAU801232	PRT100070	67%	75.3%	90.6%
SAU801232	PAE202964	60%	88.3%	87.2%
SAU801232	PPU104838	58%	90.9%	89.7%
SAU801232	PSY106594	60%	90.9%	89.7%
SAU801232	SPA100630	63%	89.6%	88.5%
SAU801232	STY107110	63%	89.6%	88.5%
SAU801232	STM102722	63%	89.6%	88.5%
SAU801232	SAU801232	100%	100%	100%
SAU801232	SEP201525	98%	100%	100%
SAU801232	SHA101739	98%	100%	100%
SAU801232	SMU100547	45%	100%	100%
SAU801232	SPN400038	52%	92.2%	90.9%
SAU801232	SPY201351	44%	100%	100%
SAU801232	TPA100800	46%	94.8%	93.6%
SAU801232	UUR100511	27%	92.2%	94.8%
SAU801232	VCH101990	61%	90.9%	63.6%
SAU801232	YPS004652	65%	90.9%	89.7%
SAU801234	ABA100578	28%	98.8%	98.8%
SAU801234	BAN103630	32%	99.1%	99.5%
SAU801234	BAN104397	40%	99.6%	99.7%
SAU801234	BFR101153	20%	43.5%	56.2%
SAU801234	BPT100686	26%	99.0%	99.1%
SAU801234	BBU100045	23%	98.7%	99.3%
SAU801234	BCE108067	26%	99.2%	98.1%
SAU801234	BFU113992	27%	99.0%	99.1%
SAU801234	BMA100428	27%	99.2%	99.5%
SAU801234	CPN200161	18%	72.6%	43.0%
SAU801234	CAC103024	34%	99.2%	99.5%
SAU801234	CBO103358	35%	99.5%	99.4%
SAU801234	CDF101890	33%	99.5%	99.7%
SAU801234	CDP101170	27%	99.9%	99.7%
SAU801234	EFA201599	41%	99.4%	99.3%
SAU801234	EFM202536	36%	85.4%	99.6%
SAU801234	LPN102310	19%	65.2%	50.6%
SAU801234	LPN101618	20%	57.2%	33.6%
SAU801234	LMO100062	41%	99.5%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801234	MCA102065	25%	99.5%	99.8%
SAU801234	MAV100512	28%	48.5%	97.3%
SAU801234	MBV100832	37%	26.2%	70.0%
SAU801234	MLP100993	28%	98.7%	98.7%
SAU801234	MTU202884	27%	98.8%	92.3%
SAU801234	MGE100304	25%	12.6%	25.4%
SAU801234	MPN100415	27%	100%	99.8%
SAU801234	NGO101479	28%	98.8%	99.0%
SAU801234	NME200667	28%	98.8%	99.0%
SAU801234	PMU100609	18%	46.3%	76.5%
SAU801234	PAE201526	26%	98.8%	99.1%
SAU801234	PPU107259	28%	98.8%	99.1%
SAU801234	PSY103899	27%	98.8%	99.1%
SAU801234	SAU801234	100%	100%	100%
SAU801234	SEP201527	76%	100%	99.9%
SAU801234	SHA101741	72%	99.9%	99.9%
SAU801234	SMU100494	36%	99.5%	99.9%
SAU801234	SPN401125	37%	99.5%	99.8%
SAU801234	SPY200382	35%	99.5%	99.8%
SAU801234	TPA100363	26%	99.5%	98.8%
SAU801234	UUR100139	29%	99.2%	99.0%
SAU801235	ABA102251	46%	74.3%	84.0%
SAU801235	BAN106145	63%	73.3%	100%
SAU801235	BAN102864	68%	74.0%	93.6%
SAU801235	BFR103244	46%	71.6%	94.0%
SAU801235	BPT103145	42%	72.8%	49.8%
SAU801235	BBU100076	39%	67.5%	96.8%
SAU801235	BCE109396	44%	65.9%	77.1%
SAU801235	BFU100592	44%	64.9%	63.5%
SAU801235	BMA103170	42%	72.1%	61.1%
SAU801235	CJU101131	43%	73.1%	98.6%
SAU801235	CPN200871	37%	70.0%	97.6%
SAU801235	CTR200202	36%	67.1%	95.8%
SAU801235	CAC103551	49%	72.1%	97.7%
SAU801235	CBO103745	48%	72.1%	97.7%
SAU801235	CDF101891	46%	90.1%	92.5%
SAU801235	CDP101168	38%	90.6%	75.2%
SAU801235	EBC104170	43%	91.1%	75.9%
SAU801235	EFA201601	48%	94.0%	99.5%
SAU801235	EFM200001	60%	76.7%	95.5%
SAU801235	ECO103387	43%	91.1%	74.2%
SAU801235	HIN100748	42%	90.4%	92.0%
SAU801235	HPY100750	40%	69.2%	96.6%
SAU801235	KPN308256	46%	83.7%	68.0%
SAU801235	LMO101591	70%	75%	95.1%
SAU801235	MCA101469	48%	72.1%	95.2%
SAU801235	MAV103813	46%	65.6%	63.3%
SAU801235	MBV100063	42%	48.3%	57.8%
SAU801235	MLP100992	43%	71.9%	68.8%
SAU801235	MTU202883	46%	65.6%	64.2%
SAU801235	MGE100303	40%	76.7%	93.4%
SAU801235	MPN100416	41%	70.9%	84.8%
SAU801235	NME200274	41%	82.5%	81.2%
SAU801235	PMU101519	44%	82.7%	77.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801235	PRT100781	44%	90.4%	60.0%
SAU801235	PAE200372	46%	72.8%	66.2%
SAU801235	PPU102117	47%	74.5%	62.8%
SAU801235	PSY102772	46%	74.8%	60.6%
SAU801235	SPA100292	52%	57.0%	94.0%
SAU801235	STY101273	43%	91.1%	75.6%
SAU801235	SAU801235	100%	100%	100%
SAU801235	SEP201528	82%	98.1%	99.5%
SAU801235	SHA101742	83%	100%	100%
SAU801235	SMU100011	47%	93.8%	73.3%
SAU801235	SPN401122	48%	90.9%	84.7%
SAU801235	SPY200409	51%	90.9%	72.1%
SAU801235	TPA100571	38%	68.5%	95.3%
SAU801235	UUR100140	47%	72.8%	86.6%
SAU801235	VCH100146	44%	87.3%	94.9%
SAU801235	YPS000724	44%	87.3%	64.9%
SAU801236	BAN105732	35%	38.2%	71.2%
SAU801236	BAN103174	68%	29.1%	88.9%
SAU801236	BAN108618	57%	91.8%	91.8%
SAU801236	BFR105869	36%	50.9%	31.9%
SAU801236	CAC101521	34%	90%	87.9%
SAU801236	CBO103236	38%	85.5%	92.7%
SAU801236	EFA201152	48%	96.4%	98.2%
SAU801236	EFM202076	48%	96.4%	98.2%
SAU801236	LMO101202	47%	93.6%	97.3%
SAU801236	MPN100417	31%	80.9%	87.3%
SAU801236	SAU801236	100%	100%	100%
SAU801236	SEP201529	82%	100%	100%
SAU801236	SHA101743	80%	100%	100%
SAU801236	SMU100255	50%	96.4%	96.4%
SAU801236	SPN401166	49%	96.4%	96.4%
SAU801236	SPY200916	52%	96.4%	93.8%
SAU801236	UUR100141	40%	65.5%	72.7%
SAU801237	ABA100567	51%	98.2%	95.7%
SAU801237	BAN113732	68%	73.6%	100%
SAU801237	BAN108180	75%	75.8%	100%
SAU801237	BFR10168	53%	84.2%	99.0%
SAU801237	BPT101335	49%	95.4%	95.7%
SAU801237	BBU100693	42%	94.3%	96.0%
SAU801237	BCE112884	48%	70.3%	97.5%
SAU801237	BFU115323	49%	98.5%	99.3%
SAU801237	BMA100755	49%	97.6%	99.3%
SAU801237	CJU100659	40%	97.8%	98.2%
SAU801237	CPN200646	39%	98.2%	98.4%
SAU801237	CTR200289	40%	98.5%	98.7%
SAU801237	CAC101092	62%	96.5%	98.2%
SAU801237	CBO101744	61%	96.5%	98.4%
SAU801237	CDF103672	65%	82.0%	96.9%
SAU801237	CDP101160	48%	98.0%	89.5%
SAU801237	EBC100407	50%	76.5%	94.4%
SAU801237	EFA201155	58%	98.7%	97.9%
SAU801237	EFM202293	62%	85.3%	99.7%
SAU801237	ECO102557	50%	99.3%	98.7%
SAU801237	HIN100105	50%	98.7%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801237	HPY101135	39%	98.9%	98.2%
SAU801237	KPN301264	51%	77.4%	93.0%
SAU801237	LPN101209	47%	98.7%	96.5%
SAU801237	LMO100196	72%	100%	100%
SAU801237	MCA100840	50%	98.9%	98.9%
SAU801237	MAV103395	45%	99.3%	91.1%
SAU801237	MBV102321	47%	96.9%	88.2%
SAU801237	MLP100989	47%	95.8%	85.4%
SAU801237	MTU202878	47%	96.9%	88.2%
SAU801237	MGE100048	44%	92.1%	93.5%
SAU801237	MPN100093	41%	98.9%	96.4%
SAU801237	NGO101772	48%	98.5%	98.7%
SAU801237	NME202026	50%	98.5%	98.7%
SAU801237	PMU101183	49%	98.7%	97.8%
SAU801237	PRT100858	49%	99.3%	98.7%
SAU801237	PAE203743	50%	99.6%	98.2%
SAU801237	PPU107798	51%	99.3%	99.3%
SAU801237	PSY103783	50%	99.3%	99.3%
SAU801237	SPA101887	47%	77.8%	98.6%
SAU801237	STY102223	51%	99.3%	98.7%
SAU801237	SAU801237	100%	100%	100%
SAU801237	SEP201530	94%	100%	100%
SAU801237	SHA102361	88%	24.0%	100%
SAU801237	SMU100253	55%	99.3%	88.0%
SAU801237	SPN401165	56%	96.9%	84.3%
SAU801237	SPY200915	54%	99.1%	87.9%
SAU801237	TPA100412	41%	93.8%	95.1%
SAU801237	UUR100090	44%	93.8%	94.6%
SAU801237	VCH100550	50%	98.5%	97.0%
SAU801237	YPS003448	50%	99.3%	98.7%
SAU801238	ABA100463	43%	82.4%	91.6%
SAU801238	BFR103669	51%	91.2%	38.7%
SAU801238	BPT101149	37%	80.2%	86.0%
SAU801238	BBU100694	44%	94.5%	98.8%
SAU801238	BCE101287	40%	82.4%	89.3%
SAU801238	BFU106133	40%	82.4%	68.2%
SAU801238	BMA105933	40%	82.4%	89.3%
SAU801238	CJU100660	52%	80.2%	96%
SAU801238	CPN200645	42%	72.5%	53.8%
SAU801238	CTR200290	43%	86.8%	65.5%
SAU801238	CAC102507	53%	89.0%	98.8%
SAU801238	CBO102241	57%	91.2%	96.5%
SAU801238	CDF104187	52%	100%	96.8%
SAU801238	CDP101155	51%	92.3%	52.9%
SAU801238	EFA201163	65%	100%	98.9%
SAU801238	ECO102556	39%	82.4%	92.7%
SAU801238	HIN100194	44%	82.4%	92.7%
SAU801238	HPY101134	47%	80.2%	94.7%
SAU801238	KPN203248	41%	75.8%	95.9%
SAU801238	LPN102433	42%	82.4%	88.4%
SAU801238	LMO101675	65%	100%	100%
SAU801238	MCA100471	45%	80.2%	90.2%
SAU801238	MAV103402	52%	92.3%	48.8%
SAU801238	MBV102277	51%	92.3%	51.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801238	MLP100988	51%	92.3%	51.9%
SAU801238	MTU202871	51%	92.3%	51.2%
SAU801238	MGE100455	46%	91.2%	92.1%
SAU801238	MPN100182	51%	89.0%	90.9%
SAU801238	NGO102008	40%	83.5%	95.1%
SAU801238	NME200735	40%	83.5%	95.1%
SAU801238	PRT100822	45%	75.8%	72.9%
SAU801238	PAE203742	43%	80.2%	89.2%
SAU801238	PPU107799	40%	82.4%	69.7%
SAU801238	PSY103786	41%	85.7%	92.9%
SAU801238	SPA101888	38%	82.4%	74.5%
SAU801238	STY102221	38%	82.4%	92.7%
SAU801238	SAU801238	100%	100%	100%
SAU801238	SEP201531	87%	100%	100%
SAU801238	SHA102521	94%	56.0%	100%
SAU801238	SMU100800	61%	100%	98.9%
SAU801238	SPN400682	65%	100%	100%
SAU801238	SPY200625	62%	100%	100%
SAU801238	TPA100895	50%	82.4%	61.0%
SAU801238	UUR100575	45%	97.8%	89.1%
SAU801238	VCH100551	41%	80.2%	90.2%
SAU801238	YPS003446	42%	83.5%	92.7%
SAU801240	ABA100452	44%	93.9%	96.3%
SAU801240	BFR103869	51%	91.0%	99.6%
SAU801240	BPT101155	43%	91.4%	90.7%
SAU801240	BBU100697	45%	91.8%	94.1%
SAU801240	BCE110744	46%	90.6%	86.4%
SAU801240	BFU102064	43%	91.4%	88.8%
SAU801240	BMA102082	44%	91.4%	87.1%
SAU801240	CJU100663	38%	90.2%	96.6%
SAU801240	CPN200644	50%	91.8%	61.8%
SAU801240	CTR200291	45%	91.8%	63.4%
SAU801240	CAC101341	48%	95.9%	96.3%
SAU801240	CBO102927	52%	97.1%	97.5%
SAU801240	CDF104123	50%	91.4%	98.3%
SAU801240	CDP101153	41%	100%	97.6%
SAU801240	EBC100905	44%	97.6%	94.5%
SAU801240	EFA202296	54%	97.6%	98.0%
SAU801240	ECO102554	44%	97.6%	94.5%
SAU801240	HIN100192	45%	96.3%	96.7%
SAU801240	HPY101131	37%	91.8%	99.1%
SAU801240	KPN300514	33%	45.3%	100%
SAU801240	LPN101866	44%	97.6%	96.4%
SAU801240	LMO102506	55%	97.1%	98.4%
SAU801240	MCA100037	39%	89.8%	92%
SAU801240	MAV103396	42%	90.6%	95.0%
SAU801240	MBV102286	46%	90.2%	98.3%
SAU801240	MLP100985	45%	90.2%	95.0%
SAU801240	MTU202868	46%	90.2%	98.3%
SAU801240	MGE100454	46%	94.7%	99.1%
SAU801240	MPN100183	46%	86.1%	99.0%
SAU801240	NGO102006	46%	96.7%	96.0%
SAU801240	NME200733	46%	96.3%	95.6%
SAU801240	PMU101297	45%	97.6%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801240	PRT100820	42%	97.6%	96.4%
SAU801240	PAE203740	42%	96.3%	94.8%
SAU801240	PPU107801	45%	97.1%	96%
SAU801240	PSY102681	45%	97.1%	93.0%
SAU801240	SPA101890	43%	96.7%	93.7%
SAU801240	STY102217	44%	97.6%	94.5%
SAU801240	SAU801240	100%	100%	100%
SAU801240	SEP201533	81%	99.2%	99.2%
SAU801240	SMU100806	58%	97.6%	97.9%
SAU801240	SPN400687	57%	97.6%	98.3%
SAU801240	SPY200632	58%	100%	99.2%
SAU801240	TPA100898	43%	90.6%	88%
SAU801240	UUR100574	46%	91.8%	97.8%
SAU801240	VCH100553	44%	97.1%	97.2%
SAU801240	YPS003421	43%	97.6%	98.0%
SAU801241	ABA100455	64%	95.7%	91.0%
SAU801241	BFR102397	60%	83.6%	82.9%
SAU801241	BPT100242	64%	80.2%	73.8%
SAU801241	BBU100698	55%	90.5%	86.8%
SAU801241	BCE107881	53%	92.2%	82.3%
SAU801241	BFU102066	54%	92.2%	82.9%
SAU801241	BMA100174	53%	92.2%	82.9%
SAU801241	CJU100664	56%	97.4%	97.5%
SAU801241	CPN200643	48%	94.0%	90.1%
SAU801241	CTR200292	49%	94.8%	90.9%
SAU801241	CAC102258	63%	95.7%	97.4%
SAU801241	CBO102492	60%	94.8%	96.5%
SAU801241	CDF103914	67%	97.4%	97.4%
SAU801241	CDP101148	67%	95.7%	98.2%
SAU801241	EBC100906	55%	94.0%	94.8%
SAU801241	EFA202298	74%	95.7%	96.5%
SAU801241	EFM202223	76%	95.7%	96.5%
SAU801241	ECO102553	55%	94.0%	94.8%
SAU801241	HIN100191	54%	94.0%	94.0%
SAU801241	HPY101130	49%	97.4%	97.5%
SAU801241	KPN301017	55%	94.0%	94.8%
SAU801241	LPN101449	55%	98.3%	93.4%
SAU801241	LMO102632	76%	97.4%	99.1%
SAU801241	MCA100220	63%	95.7%	89.4%
SAU801241	MAV102886	65%	94.8%	97.3%
SAU801241	MBV102292	65%	94.8%	97.3%
SAU801241	MLP100984	64%	94.8%	97.3%
SAU801241	MTU202866	65%	94.8%	97.3%
SAU801241	MGE100453	48%	94.0%	90.8%
SAU801241	MPN100184	48%	94.0%	90.8%
SAU801241	NGO102004	64%	87.9%	84.3%
SAU801241	NME200732	65%	87.9%	84.3%
SAU801241	PMU101298	55%	94.0%	94.0%
SAU801241	PRT100819	55%	94.0%	93.2%
SAU801241	PAE203739	56%	98.3%	97.4%
SAU801241	PPU107802	57%	98.3%	97.4%
SAU801241	PSY103791	58%	98.3%	97.4%
SAU801241	SPA101891	55%	94.0%	94.8%
SAU801241	STY102215	55%	94.0%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801241	SAU801241	100%	100%	100%
SAU801241	SEP201534	93%	100%	100%
SAU801241	SMU100257	72%	95.7%	96.5%
SAU801241	SPN401170	72%	95.7%	96.5%
SAU801241	SPY200530	71%	95.7%	96.5%
SAU801241	TPA100899	57%	93.1%	87.8%
SAU801241	UUR100573	54%	95.7%	90.2%
SAU801241	VCH100554	62%	94.0%	93.2%
SAU801241	YPS003417	54%	94.0%	94.8%
SAU801243	BAN100670	54%	94.9%	99.3%
SAU801243	BAN113498	55%	97.6%	96.6%
SAU801243	BBU100642	34%	94.2%	96.4%
SAU801243	CAC103197	43%	92.5%	95.8%
SAU801243	CBO101418	41%	97.6%	97.9%
SAU801243	CDF103392	44%	94.6%	92.0%
SAU801243	EFA201280	53%	97.6%	100%
SAU801243	EFM202454	52%	97.6%	99.0%
SAU801243	LMO101914	58%	94.9%	96.9%
SAU801243	MGE100451	30%	94.6%	96.7%
SAU801243	MPN100186	29%	94.6%	96.3%
SAU801243	NGO101947	35%	93.2%	86.3%
SAU801243	NME200873	35%	93.2%	86.3%
SAU801243	SAU801243	100%	100%	100%
SAU801243	SEP201537	82%	97.6%	100%
SAU801243	SHA101010	84%	100%	100%
SAU801243	SMU100098	46%	94.2%	95.8%
SAU801243	SPN401043	45%	95.9%	97.5%
SAU801243	SPY200887	44%	96.3%	98.2%
SAU801243	UUR100599	30%	94.2%	97.4%
SAU801243	VCH103253	41%	97.3%	88.9%
SAU801246	ABA101768	62%	97.0%	99.7%
SAU801246	BAN108859	65%	98.0%	98.7%
SAU801246	BAN107819	77%	98.0%	98.7%
SAU801246	BFR12149	55%	94.0%	98.6%
SAU801246	BPT102810	60%	94.0%	98.6%
SAU801246	BCE103851	63%	95.0%	99.7%
SAU801246	BFU103478	61%	94.0%	98.6%
SAU801246	BMA108528	62%	94.0%	98.6%
SAU801246	CJU100496	54%	94.0%	98.3%
SAU801246	CPN200869	59%	92.7%	95.6%
SAU801246	CTR200204	55%	94.0%	97.6%
SAU801246	EBC102737	65%	94.0%	98.3%
SAU801246	EFA201366	24%	68.5%	20.3%
SAU801246	ECO100712	65%	94.0%	98.3%
SAU801246	HIN101170	62%	96.4%	99.3%
SAU801246	KPN300770	63%	94.0%	98.3%
SAU801246	LPN101597	62%	94.7%	98.6%
SAU801246	MAV101285	52%	92.4%	96%
SAU801246	MBV101961	51%	92.1%	94.7%
SAU801246	MLP100114	51%	92.4%	96%
SAU801246	MTU200943	51%	92.1%	94.7%
SAU801246	NGO101261	63%	97.0%	99.7%
SAU801246	NME201066	63%	97.0%	99.7%
SAU801246	PMU100281	64%	94.0%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801246	PRT102068	65%	94.0%	97.9%
SAU801246	PAE201588	65%	94.7%	96.9%
SAU801246	PPU101203	64%	94.7%	97.3%
SAU801246	PSY104865	64%	94.7%	97.6%
SAU801246	SPA103281	61%	89.7%	94.4%
SAU801246	STY101933	65%	94.0%	98.3%
SAU801246	STM101672	65%	94.0%	98.3%
SAU801246	SAU801246	100%	100%	100%
SAU801246	SEP201540	93%	100%	100%
SAU801246	SHA100180	93%	86.4%	100%
SAU801246	VCH102052	66%	94.7%	98.6%
SAU801246	YPS002067	65%	94.0%	97.9%
SAU801251	BAN112697	67%	97.9%	99.8%
SAU801251	BAN101040	72%	98.9%	94.9%
SAU801251	EFA201310	71%	97.9%	97.7%
SAU801251	EFM200985	68%	99.1%	93.9%
SAU801251	LMO102370	72%	100%	100%
SAU801251	SAU801251	100%	100%	100%
SAU801251	SEP201543	91%	100%	98.2%
SAU801251	SHA100490	93%	67.1%	100%
SAU801251	SMU100122	63%	98.2%	98.2%
SAU801251	SPN400844	66%	98.2%	98.2%
SAU801251	SPY200895	65%	97.7%	96.9%
SAU801252	BAN111598	42%	96.3%	98.0%
SAU801252	BAN106190	47%	96.3%	97.7%
SAU801252	EFA201313	46%	96.3%	97.7%
SAU801252	EFM202573	45%	96.6%	93.9%
SAU801252	LMO101828	47%	97.0%	98%
SAU801252	SAU801252	100%	100%	100%
SAU801252	SEP201545	81%	98.7%	99.3%
SAU801252	SHA100491	82%	99.7%	100%
SAU801252	SPN401046	26%	79.5%	78.1%
SAU801253	BAN106152	70%	96.7%	97.8%
SAU801253	BAN100924	73%	96.7%	97.8%
SAU801253	BPT100535	56%	96.7%	96.6%
SAU801253	BBU100295	53%	95.6%	95.6%
SAU801253	BCE107448	41%	82.3%	95.5%
SAU801253	BFU106864	53%	96.7%	97.2%
SAU801253	BMA106404	52%	96.7%	82.0%
SAU801253	CJU100619	53%	93.9%	93.9%
SAU801253	EBC104505	55%	95.6%	97.2%
SAU801253	EFA201316	63%	100%	100%
SAU801253	EFM201153	63%	100%	100%
SAU801253	ECO103838	56%	95.6%	97.2%
SAU801253	HIN100475	59%	95.6%	98.3%
SAU801253	HPY100510	51%	94.5%	96.7%
SAU801253	KPN303215	54%	95.6%	97.2%
SAU801253	LPN100752	56%	96.7%	95.1%
SAU801253	LMO102574	71%	97.2%	98.9%
SAU801253	MAV106140	26%	89.0%	58.7%
SAU801253	MBV101982	27%	89.0%	61.2%
SAU801253	MLP100822	25%	89.0%	61.2%
SAU801253	MTU202077	27%	89.0%	61.2%
SAU801253	PMU101749	58%	95.6%	97.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801253	PRT101661	54%	95.6%	97.2%
SAU801253	PAE205048	57%	95.6%	97.2%
SAU801253	PPU107338	59%	96.7%	90.1%
SAU801253	PSY103571	59%	94.5%	88.0%
SAU801253	SPA106189	66%	32.6%	98.3%
SAU801253	STY103120	55%	95.6%	97.2%
SAU801253	SAU801253	100%	100%	100%
SAU801253	SEP201546	94%	98.9%	99.4%
SAU801253	SHA100492	95%	100%	100%
SAU801253	VCH102638	58%	95.6%	92.4%
SAU801253	YPS001391	56%	95.6%	98.3%
SAU801256	ABA104000	48%	96.1%	97.6%
SAU801256	BAN100446	73%	71.0%	96.8%
SAU801256	BAN110084	77%	89.0%	97.4%
SAU801256	BFR104950	47%	92.5%	84.9%
SAU801256	BPT101108	54%	86.7%	88.8%
SAU801256	BBU100122	49%	100%	98.8%
SAU801256	BCE101166	47%	92.9%	96.3%
SAU801256	BFU101939	49%	94.1%	96%
SAU801256	BMA101604	48%	92.2%	97.1%
SAU801256	CJU101107	50%	99.2%	97.0%
SAU801256	CPN200048	46%	98.8%	91.7%
SAU801256	CTR200051	45%	94.9%	85.8%
SAU801256	CAC101756	70%	89.0%	97.9%
SAU801256	CBO103187	70%	89.0%	97.9%
SAU801256	CDF101764	69%	92.9%	99.6%
SAU801256	CDP101120	54%	100%	97.0%
SAU801256	EBC103098	52%	88.2%	93.4%
SAU801256	EFA200418	70%	99.6%	95.0%
SAU801256	ECO100169	51%	88.2%	93.4%
SAU801256	HIN100892	47%	92.5%	94.8%
SAU801256	HPY101531	51%	97.6%	94.3%
SAU801256	KPN301398	51%	83.5%	93.0%
SAU801256	LPN100646	48%	96.5%	98.8%
SAU801256	LMO100442	74%	98.8%	100%
SAU801256	MCA101251	49%	98.8%	92.3%
SAU801256	MAV106404	56%	99.2%	94.2%
SAU801256	MBV102282	61%	88.6%	78.7%
SAU801256	MLP100973	61%	88.6%	81.6%
SAU801256	MTU202852	61%	88.6%	78.7%
SAU801256	MGE100072	37%	96.5%	87.0%
SAU801256	MPN100623	36%	96.5%	84.0%
SAU801256	NGO100893	46%	92.9%	97.9%
SAU801256	NME200306	46%	92.9%	97.9%
SAU801256	PMU101984	48%	92.5%	94.4%
SAU801256	PRT105507	51%	96.1%	100%
SAU801256	PAE203654	50%	92.5%	98.4%
SAU801256	PPU107884	49%	92.9%	97.1%
SAU801256	PSY108183	51%	89.8%	85.8%
SAU801256	SPA101195	49%	96.1%	100%
SAU801256	STY103848	52%	88.2%	93.4%
SAU801256	STM103561	52%	88.2%	93.4%
SAU801256	SAU801256	100%	100%	100%
SAU801256	SEP201549	94%	100%	97.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801256	SHA100713	93%	78.8%	96.6%
SAU801256	SMU100628	62%	99.6%	96.9%
SAU801256	SPN402017	63%	99.6%	97.3%
SAU801256	SPY201599	64%	97.6%	97.3%
SAU801256	TPA100599	58%	87.5%	76.6%
SAU801256	UUR100024	43%	86.7%	63.6%
SAU801256	VCH102226	53%	92.2%	95.5%
SAU801256	YPS001127	52%	88.2%	93.4%
SAU801257	ABA106144	43%	98.3%	97.3%
SAU801257	BAN110110	57%	96.9%	99.0%
SAU801257	BAN103067	70%	99.0%	98.3%
SAU801257	BFR10353	33%	92.5%	98.5%
SAU801257	BPT101109	46%	98.3%	97.3%
SAU801257	BBU100121	34%	88.4%	92.5%
SAU801257	BCE107064	46%	99.7%	97.6%
SAU801257	BFU100280	46%	99.7%	97.6%
SAU801257	BMA107429	44%	99.7%	97.6%
SAU801257	CJU101106	37%	99.7%	100%
SAU801257	CPN200047	37%	93.5%	99.6%
SAU801257	CTR200050	35%	93.5%	99.6%
SAU801257	CAC101812	47%	99.0%	98.7%
SAU801257	CBO101301	47%	98.6%	98.4%
SAU801257	CDF101762	53%	100%	100%
SAU801257	CDP101115	41%	93.9%	99.6%
SAU801257	EBC103096	43%	100%	99.3%
SAU801257	EFA200421	62%	100%	99.7%
SAU801257	ECO100170	43%	100%	99.3%
SAU801257	HIN100893	47%	98.3%	97.2%
SAU801257	HPY101532	37%	100%	100%
SAU801257	KPN301399	43%	100%	99.3%
SAU801257	LPN100716	44%	100%	99.7%
SAU801257	LMO102014	63%	100%	99.7%
SAU801257	MCA101252	42%	98.3%	96.9%
SAU801257	MAV106405	40%	93.9%	99.6%
SAU801257	MBV102285	40%	93.9%	99.6%
SAU801257	MLP100972	38%	93.9%	99.6%
SAU801257	MTU202851	40%	93.9%	99.6%
SAU801257	MGE100443	37%	100%	99.7%
SAU801257	MPN100211	40%	100%	99.7%
SAU801257	NGO100890	44%	100%	99.6%
SAU801257	NME200305	44%	100%	99.6%
SAU801257	PMU101985	46%	100%	99.6%
SAU801257	PRT104501	45%	100%	100%
SAU801257	PAE203653	46%	99.7%	98.3%
SAU801257	PPU107887	42%	99.7%	98.3%
SAU801257	PSY104373	44%	99.7%	98.3%
SAU801257	SPA101193	43%	100%	99.3%
SAU801257	STY103870	43%	100%	99.3%
SAU801257	STM103563	43%	100%	99.3%
SAU801257	SAU801257	100%	100%	100%
SAU801257	SEP201550	91%	99.0%	99.3%
SAU801257	SHA100714	92%	99.0%	99.3%
SAU801257	SMU100627	42%	99.7%	98.3%
SAU801257	SPN402016	42%	99.7%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801257	SPY201600	42%	99.7%	98.3%
SAU801257	TPA100598	31%	91.5%	95.5%
SAU801257	UUR100520	40%	98.3%	98.6%
SAU801257	VCH102225	44%	97.3%	97.1%
SAU801257	YPS001128	44%	100%	99.3%
SAU801259	ABA101326	40%	100%	99.5%
SAU801259	BAN107492	62%	95.1%	100%
SAU801259	BAN102566	62%	98.4%	97.8%
SAU801259	BFR11093	45%	98.4%	96.8%
SAU801259	BPT101111	48%	100%	98.9%
SAU801259	BBU100120	47%	93.5%	93.5%
SAU801259	BCE106939	46%	100%	98.9%
SAU801259	BFU100278	47%	94.0%	100%
SAU801259	BMA105364	47%	100%	98.9%
SAU801259	CJU100207	41%	100%	98.4%
SAU801259	CPN200045	38%	98.4%	98.9%
SAU801259	CTR200048	38%	97.8%	98.9%
SAU801259	CAC102009	52%	100%	99.5%
SAU801259	CBO101172	50%	100%	99.5%
SAU801259	CDF101758	53%	98.9%	98.4%
SAU801259	CDP101113	45%	100%	99.5%
SAU801259	EBC103092	45%	98.9%	98.4%
SAU801259	EFA200427	60%	98.9%	98.4%
SAU801259	ECO100172	46%	98.9%	98.4%
SAU801259	HIN100788	43%	98.9%	98.4%
SAU801259	HPY101239	46%	98.4%	97.8%
SAU801259	KPN301402	46%	98.9%	98.4%
SAU801259	LPN100810	47%	100%	99.5%
SAU801259	LMO100919	59%	98.9%	98.4%
SAU801259	MCA100779	42%	100%	99.5%
SAU801259	MAV106394	46%	100%	99.5%
SAU801259	MBV102301	46%	100%	99.5%
SAU801259	MLP100969	45%	100%	99.5%
SAU801259	MTU202844	46%	100%	99.5%
SAU801259	MGE100445	35%	95.7%	94.5%
SAU801259	MPN100206	35%	97.8%	96.7%
SAU801259	NGO100813	45%	100%	99.5%
SAU801259	NME200075	44%	100%	99.5%
SAU801259	PMU101987	43%	98.9%	98.4%
SAU801259	PRT101754	43%	98.9%	98.4%
SAU801259	PAE203651	44%	100%	99.5%
SAU801259	PPU101137	46%	100%	99.5%
SAU801259	PSY109122	42%	100%	99.5%
SAU801259	SPA101723	44%	98.9%	98.4%
SAU801259	STY103872	45%	98.9%	98.4%
SAU801259	STM103585	45%	98.9%	98.4%
SAU801259	SAU801259	100%	100%	100%
SAU801259	SEP201552	91%	100%	100%
SAU801259	SHA100716	89%	100%	100%
SAU801259	SMU101141	56%	98.4%	97.8%
SAU801259	SPN400846	54%	98.4%	97.8%
SAU801259	SPY200332	60%	98.4%	97.8%
SAU801259	TPA100597	44%	94.6%	95.1%
SAU801259	UUR100518	43%	97.8%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801259	VCH102223	45%	100%	99.5%
SAU801259	YPS001131	43%	98.9%	98.4%
SAU801260	ABA101323	35%	91.4%	93.6%
SAU801260	BAN110276	44%	92.6%	100%
SAU801260	BAN105083	55%	96.1%	95.7%
SAU801260	BFR102222	42%	74.2%	90.4%
SAU801260	BPT101116	41%	92.6%	93.3%
SAU801260	BBU100119	33%	91.0%	99.6%
SAU801260	BCE102153	34%	89.1%	89.1%
SAU801260	BFU100277	40%	92.6%	90.8%
SAU801260	BMA102737	40%	92.6%	90.8%
SAU801260	CJU100763	32%	88.3%	97.7%
SAU801260	CPN200180	41%	93.4%	93.5%
SAU801260	CTR200725	43%	89.1%	91.7%
SAU801260	CAC100397	52%	93.0%	93.8%
SAU801260	CBO101109	49%	95.7%	96.0%
SAU801260	CDF101757	53%	94.1%	98.8%
SAU801260	CDP100541	38%	89.5%	93.5%
SAU801260	EBC103101	41%	86.3%	96.5%
SAU801260	EFA201709	55%	94.9%	93.4%
SAU801260	EFM200654	20%	43.4%	31.5%
SAU801260	EFM202480	20%	43.4%	31.5%
SAU801260	ECO100174	43%	88.3%	89.3%
SAU801260	HIN100899	44%	91.8%	98.3%
SAU801260	HPY101204	39%	90.2%	98.3%
SAU801260	KPN301405	39%	93.8%	93.0%
SAU801260	LPN100728	33%	63.7%	98.8%
SAU801260	LMO100967	52%	98.8%	100%
SAU801260	MCA100780	38%	91.0%	94.0%
SAU801260	MAV108353	41%	91.0%	78.7%
SAU801260	MBV102605	40%	85.9%	99.1%
SAU801260	MLP100397	39%	91.0%	78.7%
SAU801260	MTU202325	39%	91.0%	78.7%
SAU801260	NGO100815	44%	93.0%	93.5%
SAU801260	NME200076	44%	93.0%	93.5%
SAU801260	PMU101989	45%	93.0%	99.2%
SAU801260	PRT105689	42%	94.9%	96.4%
SAU801260	PAE203650	39%	91.0%	92.8%
SAU801260	PPU101138	39%	91.8%	93.6%
SAU801260	PSY104368	37%	91.8%	93.6%
SAU801260	SPA101725	38%	88.3%	93.7%
SAU801260	STY103874	41%	90.6%	93.7%
SAU801260	STM103587	41%	90.6%	93.7%
SAU801260	SAU801260	100%	100%	100%
SAU801260	SEP201553	78%	100%	100%
SAU801260	SHA102731	78%	100%	100%
SAU801260	SMU101088	49%	94.9%	99.2%
SAU801260	SPN400240	53%	90.6%	91.5%
SAU801260	SPY201513	55%	89.5%	93.6%
SAU801260	TPA100596	38%	89.1%	99.1%
SAU801260	VCH102222	40%	94.1%	94.1%
SAU801260	YPS001135	40%	90.6%	92.1%
SAU801261	ABA101320	45%	46.5%	44.9%
SAU801261	BAN105383	44%	98.8%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801261	BAN105024	49%	98.8%	98.9%
SAU801261	BFR103149	37%	65.4%	68.5%
SAU801261	BPT105948	35%	48.5%	46.7%
SAU801261	BCE105417	32%	98.8%	99.3%
SAU801261	BFU100276	36%	98.8%	99.3%
SAU801261	BMA102698	30%	98.8%	99.3%
SAU801261	CJU101271	42%	50%	52.3%
SAU801261	CPN200179	31%	57.7%	52.9%
SAU801261	CTR200726	27%	95%	89.5%
SAU801261	CAC100444	30%	89.6%	95.9%
SAU801261	CBO101925	31%	90.8%	98.8%
SAU801261	CDF101756	35%	95.4%	96.1%
SAU801261	CDP101112	40%	48.1%	42.8%
SAU801261	EBC103099	46%	51.9%	47.4%
SAU801261	EFA201711	42%	98.1%	98.5%
SAU801261	ECO100175	44%	51.9%	54.2%
SAU801261	HIN100898	43%	48.5%	45.1%
SAU801261	HPY100211	29%	90.4%	89.1%
SAU801261	KPN301406	43%	52.7%	52.1%
SAU801261	LPN100664	44%	47.7%	46.4%
SAU801261	LMO100426	45%	99.2%	99.6%
SAU801261	MCA100781	32%	96.5%	88.3%
SAU801261	MAV106396	40%	46.5%	38.6%
SAU801261	MBV102303	39%	51.5%	42.8%
SAU801261	MLP100968	40%	46.2%	38.1%
SAU801261	MTU202843	39%	51.5%	42.8%
SAU801261	MGE100446	26%	92.3%	76.2%
SAU801261	MPN100205	26%	87.7%	72.2%
SAU801261	NGO100817	42%	43.1%	43.0%
SAU801261	NME200077	29%	96.2%	95.5%
SAU801261	PMU101990	37%	63.1%	60.6%
SAU801261	PRT101751	35%	86.2%	73.9%
SAU801261	PAE202534	28%	96.5%	82.6%
SAU801261	PPU101140	31%	98.8%	96.7%
SAU801261	PSY104366	32%	98.8%	96.7%
SAU801261	SPA101726	45%	51.9%	54.4%
SAU801261	STY103875	45%	51.9%	47.4%
SAU801261	STM103588	45%	51.9%	47.4%
SAU801261	SAU801261	100%	100%	100%
SAU801261	SEP201554	86%	100%	100%
SAU801261	SHA100718	86%	99.6%	99.6%
SAU801261	SMU101086	41%	97.7%	98.1%
SAU801261	SPN400241	39%	98.1%	97.0%
SAU801261	SPY201512	40%	98.1%	98.5%
SAU801261	TPA100595	27%	84.6%	81.2%
SAU801261	UUR100517	30%	66.9%	56.3%
SAU801261	VCH102221	44%	49.2%	46.1%
SAU801261	YPS001137	33%	90%	78.0%
SAU801263	ABA100529	45%	98.1%	99.1%
SAU801263	BAN100354	53%	98.9%	99.6%
SAU801263	BAN103931	58%	98.9%	99.5%
SAU801263	BFR100495	27%	33.7%	4.4%
SAU801263	BPT102439	44%	99.8%	100%
SAU801263	BCE111561	55%	39.0%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801263	BFU106495	45%	99.1%	98.8%
SAU801263	BMA104091	45%	99.1%	98.8%
SAU801263	CJU100505	40%	99.1%	99.5%
SAU801263	CPN200251	39%	95.6%	96.3%
SAU801263	CTR200662	36%	98.1%	96.7%
SAU801263	CAC100467	50%	98.6%	97.4%
SAU801263	CBO100123	31%	98.6%	98.7%
SAU801263	CDF100404	45%	13.4%	81.9%
SAU801263	CDF100250	47%	97.9%	97.2%
SAU801263	CDP100483	39%	95.1%	95.4%
SAU801263	EBC102546	44%	98.1%	98.6%
SAU801263	EFA200454	56%	98.8%	98.3%
SAU801263	EFM201684	55%	98.6%	98.6%
SAU801263	ECO100194	44%	99.1%	99.5%
SAU801263	HIN100709	44%	99.8%	100%
SAU801263	HPY100234	42%	93.7%	93.8%
SAU801263	KPN301911	46%	93.7%	97.8%
SAU801263	LPN102483	44%	16.6%	100%
SAU801263	LMO100624	59%	98.6%	98.8%
SAU801263	MCA101839	45%	98.4%	99.8%
SAU801263	MAV102826	40%	96.5%	97.1%
SAU801263	MBV103229	39%	96.5%	97.1%
SAU801263	MTU202807	40%	96.8%	96.7%
SAU801263	MGE100289	25%	19.8%	24.6%
SAU801263	NGO100106	49%	98.8%	99.1%
SAU801263	NME201412	49%	98.8%	99.1%
SAU801263	PMU101370	45%	99.3%	99.6%
SAU801263	PRT101177	47%	98.6%	99.1%
SAU801263	PAE200955	48%	99.1%	99.5%
SAU801263	PPU108855	47%	94.9%	98.4%
SAU801263	PSY105509	46%	99.1%	99.5%
SAU801263	SPA100809	43%	98.1%	100%
SAU801263	STY103990	45%	98.1%	98.4%
SAU801263	SAU801263	100%	100%	100%
SAU801263	SEP201556	82%	100%	100%
SAU801263	SHA101150	83%	99.8%	99.8%
SAU801263	SMU101082	47%	98.8%	99.4%
SAU801263	SPN400243	48%	98.6%	99.0%
SAU801263	SPY201510	47%	98.6%	98.9%
SAU801263	TPA100158	38%	93.1%	93.4%
SAU801263	VCH100859	45%	99.1%	99.6%
SAU801263	YPS002005	44%	99.1%	99.5%
SAU801264	BAN108834	41%	90.5%	99.1%
SAU801264	BAN108033	59%	99.9%	100%
SAU801264	CAC101590	45%	93.0%	95.0%
SAU801264	CBO102746	46%	95.2%	94.8%
SAU801264	CDF103797	46%	99.4%	99.9%
SAU801264	EFA200457	54%	99.9%	99.9%
SAU801264	EFM200946	55%	99.4%	99.4%
SAU801264	LMO102727	57%	99.6%	99.5%
SAU801264	MGE100031	37%	87.1%	89.7%
SAU801264	MPN100120	37%	85.5%	86.1%
SAU801264	SAU801264	100%	100%	100%
SAU801264	SEP201557	90%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801264	SHA103204	91%	100%	100%
SAU801264	SMU101474	49%	99.4%	99.5%
SAU801264	SPN400251	49%	99.4%	99.5%
SAU801264	SPY201509	49%	99.4%	99.5%
SAU801264	UUR100379	39%	83.1%	84.4%
SAU801269	ABA104593	42%	95.9%	77.4%
SAU801269	BAN113310	47%	98.2%	98.0%
SAU801269	BAN110029	65%	100%	100%
SAU801269	BFR11714	43%	99.0%	73.5%
SAU801269	BPT100248	47%	91.6%	73.7%
SAU801269	BBU100800	45%	90.6%	72.1%
SAU801269	BCE101969	52%	82.7%	80.2%
SAU801269	BFU100867	50%	89.2%	63.8%
SAU801269	BMA109716	48%	92.8%	67.6%
SAU801269	CJU100125	43%	15.3%	2.2%
SAU801269	CPN200434	41%	92.1%	74.4%
SAU801269	CTR200365	42%	89.8%	71.7%
SAU801269	CAC100425	52%	100%	99.7%
SAU801269	CBO103185	54%	100%	97.9%
SAU801269	CDF102888	58%	81.4%	89.3%
SAU801269	CDP100479	50%	81.6%	96.7%
SAU801269	EBC101431	48%	99.6%	79.5%
SAU801269	EFA200621	61%	9.9%	0.9%
SAU801269	EFM201052	62%	94.5%	95.8%
SAU801269	ECO103100	48%	99.6%	77.3%
SAU801269	HIN101252	47%	100%	84.8%
SAU801269	HPY101031	44%	94.6%	68.3%
SAU801269	KPN301426	48%	99.0%	83.6%
SAU801269	LPN102343	53%	61.6%	99.5%
SAU801269	LMO100282	63%	100%	99.9%
SAU801269	MCA100802	46%	93.8%	75.8%
SAU801269	MAV100286	48%	81.6%	96.1%
SAU801269	MBV104310	50%	61.6%	99.8%
SAU801269	MLP100953	49%	81.6%	63.4%
SAU801269	MTU202801	49%	81.6%	65.1%
SAU801269	MGE100144	46%	81.8%	92.9%
SAU801269	MPN100676	42%	86.4%	99.4%
SAU801269	NGO101494	47%	93.2%	84.0%
SAU801269	NME201748	48%	92.1%	68.2%
SAU801269	PMU100759	46%	100%	84.2%
SAU801269	PRT102425	52%	90.5%	68.3%
SAU801269	PAE204740	48%	92.9%	77.4%
SAU801269	PPU108488	46%	94.9%	79.4%
SAU801269	PSY104832	51%	78.6%	99.6%
SAU801269	SPA101256	53%	65.4%	99.6%
SAU801269	STY101473	48%	99.6%	77.1%
SAU801269	SAU801269	100%	100%	100%
SAU801269	SEP201562	87%	100%	98.9%
SAU801269	SHA100514	87%	100%	98.9%
SAU801269	SMU100784	57%	16.0%	4.6%
SAU801269	SPN400481	56%	16.2%	3.2%
SAU801269	SPY201321	55%	15.5%	10.2%
SAU801269	TPA100881	49%	87.7%	74.0%
SAU801269	UUR100322	48%	85.2%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801269	VCH100631	48%	99.6%	76.8%
SAU801269	YPS001051	49%	96.9%	75.1%
SAU801273	ABA104153	55%	100%	100%
SAU801273	BAN112139	78%	100%	100%
SAU801273	BAN112261	78%	100%	100%
SAU801273	BFR101219	61%	34.8%	96.9%
SAU801273	BPT102559	51%	100%	100%
SAU801273	BBU100803	50%	97.8%	98.9%
SAU801273	BCE114521	53%	100%	100%
SAU801273	BFU106341	53%	98.9%	97.8%
SAU801273	BMA104593	53%	100%	100%
SAU801273	CJU100816	48%	98.9%	97.8%
SAU801273	CPN200838	49%	100%	100%
SAU801273	CTR200226	49%	100%	100%
SAU801273	CAC101338	58%	97.8%	100%
SAU801273	CBO102464	59%	100%	85.6%
SAU801273	CDF100875	71%	92.1%	96.5%
SAU801273	CDP100449	60%	100%	100%
SAU801273	EBC103888	55%	100%	100%
SAU801273	EFA202022	77%	100%	100%
SAU801273	EFM202414	76%	100%	100%
SAU801273	ECO103097	55%	100%	100%
SAU801273	HIN101437	53%	100%	100%
SAU801273	HIN101294	53%	100%	100%
SAU801273	HPY101023	50%	98.9%	97.8%
SAU801273	KPN301430	56%	100%	100%
SAU801273	LPN100705	45%	69.7%	95.4%
SAU801273	LMO101938	80%	100%	100%
SAU801273	MCA100389	53%	100%	100%
SAU801273	MAV100300	57%	100%	100%
SAU801273	MBV101245	59%	100%	100%
SAU801273	MLP100514	60%	100%	100%
SAU801273	MTU202747	59%	100%	100%
SAU801273	MGE100434	45%	91.0%	94.2%
SAU801273	MPN100220	44%	91.0%	94.2%
SAU801273	NGO100722	52%	100%	100%
SAU801273	NME200754	52%	100%	100%
SAU801273	PMU100301	53%	100%	100%
SAU801273	PRT102435	57%	100%	100%
SAU801273	PAE204737	56%	100%	100%
SAU801273	PPU105055	56%	100%	100%
SAU801273	PSY104828	55%	70.8%	100%
SAU801273	SPA101259	51%	100%	100%
SAU801273	STY101470	53%	100%	100%
SAU801273	SAU801273	100%	100%	100%
SAU801273	SEP201566	93%	100%	100%
SAU801273	SHA100171	94%	100%	100%
SAU801273	SMU101327	65%	100%	100%
SAU801273	SPN401466	67%	100%	100%
SAU801273	SPY201503	65%	100%	100%
SAU801273	TPA100877	48%	100%	100%
SAU801273	UUR100204	44%	98.9%	98.9%
SAU801273	VCH100634	59%	100%	100%
SAU801273	YPS006344	53%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801274	ABA106110	46%	98.6%	98.3%
SAU801274	BAN109088	42%	99.7%	98.9%
SAU801274	BAN100469	66%	99.7%	97.3%
SAU801274	BFR11379	47%	97.9%	89.2%
SAU801274	BPT102560	49%	99.0%	96.5%
SAU801274	BBU100804	45%	98.3%	98.6%
SAU801274	BCE107587	48%	99.1%	97.3%
SAU801274	BFU106344	47%	99.1%	97.2%
SAU801274	BMA106616	48%	97.7%	89.6%
SAU801274	CJU101178	41%	95.7%	96.9%
SAU801274	CPN200839	46%	98.1%	98.3%
SAU801274	CTR200225	46%	98.0%	98.1%
SAU801274	CAC102635	52%	98.3%	97.3%
SAU801274	CBO102281	52%	98.3%	97.6%
SAU801274	CDF100877	56%	99.3%	98.4%
SAU801274	CDP100447	44%	97.4%	95.2%
SAU801274	EBC103885	49%	99.1%	96.8%
SAU801274	EFA202028	62%	99.3%	98.6%
SAU801274	EFM200260	62%	99.3%	94.3%
SAU801274	ECO103096	49%	99.1%	93.9%
SAU801274	HIN100220	48%	98.3%	96.3%
SAU801274	HPY101196	38%	95.0%	96.2%
SAU801274	KPN301429	49%	99.1%	96.9%
SAU801274	LPN101324	50%	97.1%	92.6%
SAU801274	LMO100657	66%	99.6%	96.0%
SAU801274	MCA100390	49%	98.4%	98.7%
SAU801274	MAV100299	44%	96.8%	93.7%
SAU801274	MBV101241	45%	96.8%	94.0%
SAU801274	MLP100515	43%	96.8%	91.8%
SAU801274	MTU202745	45%	96.8%	94.0%
SAU801274	NGO102045	49%	99.7%	98.3%
SAU801274	NME200892	49%	99.3%	98.0%
SAU801274	PMU101114	48%	97.3%	95.1%
SAU801274	PRT102434	48%	98.3%	96.3%
SAU801274	PAE204736	50%	97.0%	96.4%
SAU801274	PPU105054	50%	98.3%	97.9%
SAU801274	PSY104827	47%	83.7%	97.8%
SAU801274	SPA101063	45%	11.7%	55.2%
SAU801274	STY100979	49%	98.6%	96.3%
SAU801274	SAU801274	100%	100%	100%
SAU801274	SEP201567	91%	100%	99.6%
SAU801274	SHA100393	52%	26.6%	100%
SAU801274	SHA101099	91%	99.1%	100%
SAU801274	SMU101329	58%	99.1%	94.9%
SAU801274	SPN400516	57%	99.1%	89.4%
SAU801274	SPY201498	58%	99.1%	97.6%
SAU801274	TPA100876	44%	97.0%	96.0%
SAU801274	VCH100635	49%	99.6%	97.7%
SAU801274	YPS001047	49%	98.0%	96.6%
SAU801275	BAN106546	41%	99.3%	99.1%
SAU801275	BAN109546	51%	99.3%	99.6%
SAU801275	EFA200747	46%	98.9%	97.9%
SAU801275	EFM200896	45%	98.0%	97.5%
SAU801275	LMO100794	51%	99.1%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801275	SAU801275	100%	100%	100%
SAU801275	SEP201568	93%	100%	97.4%
SAU801275	SHA101100	91%	100%	98.1%
SAU801275	SMU100333	43%	98.4%	99.5%
SAU801275	SPN400538	40%	98.2%	99.3%
SAU801275	SPY200771	43%	98.4%	99.5%
SAU801279	ABA105498	21%	96.5%	45.3%
SAU801279	BAN107286	44%	97.0%	97.2%
SAU801279	BAN100894	46%	97.0%	97.0%
SAU801279	BFR10509	27%	47.2%	47.2%
SAU801279	BPT103765	24%	96.5%	44.3%
SAU801279	BBU100535	29%	58.9%	27.4%
SAU801279	CJU100744	22%	85.3%	86.1%
SAU801279	CPN200887	23%	44.6%	19.9%
SAU801279	CTR200185	25%	46.0%	20.6%
SAU801279	CAC101568	23%	67.3%	32.7%
SAU801279	CBO100728	23%	95.3%	88.2%
SAU801279	CDF103715	39%	99.8%	98.8%
SAU801279	EBC102726	21%	45.1%	26.4%
SAU801279	EFA201528	41%	96.7%	95.9%
SAU801279	EFM200625	40%	97.0%	97.2%
SAU801279	ECO101465	27%	53.0%	25.5%
SAU801279	HIN101334	23%	52.6%	24.6%
SAU801279	HPY100995	22%	85.0%	81.1%
SAU801279	KPN305142	22%	45.8%	21.1%
SAU801279	LPN100962	22%	64.5%	79.0%
SAU801279	LMO100434	41%	97.9%	97.2%
SAU801279	MCA101028	25%	58.6%	52.1%
SAU801279	MAV100298	29%	38.8%	37.2%
SAU801279	MBV101239	26%	39.7%	39.7%
SAU801279	MLP100516	27%	48.4%	47.6%
SAU801279	MTU202744	26%	39.7%	39.7%
SAU801279	PMU100804	23%	65.4%	30.8%
SAU801279	PRT105970	25%	49.5%	22.9%
SAU801279	PAE200371	23%	91.8%	91.0%
SAU801279	PPU102118	22%	82.9%	81.4%
SAU801279	PSY102770	23%	82.9%	81.6%
SAU801279	SPA102439	19%	55.1%	23.9%
SAU801279	SAU801279	100%	100%	100%
SAU801279	SEP201578	79%	99.8%	99.5%
SAU801279	SHA100451	80%	99.8%	99.8%
SAU801279	SMU101391	29%	95.3%	94.4%
SAU801279	SPN402026	33%	94.6%	93.7%
SAU801279	SPY201681	31%	93.7%	93.2%
SAU801279	TPA100024	23%	34.8%	16.7%
SAU801279	VCH100544	22%	93.0%	41.7%
SAU801279	YPS001083	21%	46.7%	20.8%
SAU801280	BAN105196	34%	98.7%	100%
SAU801280	BAN100845	38%	98.7%	97.9%
SAU801280	LMO101523	37%	98.3%	96.3%
SAU801280	SAU801280	100%	100%	100%
SAU801280	SEP201580	64%	100%	100%
SAU801280	SHA100452	66%	100%	100%
SAU801281	BAN104875	55%	86.2%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801281	BAN100345	62%	93.8%	98.9%
SAU801281	SAU801281	100%	100%	100%
SAU801281	SEP201582	89%	100%	100%
SAU801281	SHA102814	88%	100%	100%
SAU801282	ABA105298	26%	57.7%	28.1%
SAU801282	BAN100109	25%	93.8%	38.1%
SAU801282	BAN102965	26%	96.2%	42.2%
SAU801282	BPT104503	26%	53.1%	41.1%
SAU801282	BCE107711	25%	57.7%	22.2%
SAU801282	BFU107885	25%	57.7%	20.3%
SAU801282	BMA105226	26%	55.4%	20%
SAU801282	CPN200766	30%	53.1%	48.3%
SAU801282	CTR200272	19%	97.7%	86.8%
SAU801282	EFA201529	38%	57.7%	26.0%
SAU801282	EFM201058	29%	93.8%	44.9%
SAU801282	ECO203392	26%	61.5%	23.7%
SAU801282	HIN100346	20%	78.5%	29.0%
SAU801282	LPN100742	21%	50%	34.4%
SAU801282	LMO100900	31%	77.7%	30.7%
SAU801282	PMU102009	21%	88.5%	36.8%
SAU801282	PAE203801	25%	94.6%	31.7%
SAU801282	PPU101372	23%	87.7%	31.3%
SAU801282	STY101725	23%	87.7%	35.8%
SAU801282	SAU801282	100%	100%	100%
SAU801282	SEP201584	62%	99.2%	99.2%
SAU801282	SHA100455	69%	53.1%	100%
SAU801282	SPN402025	29%	93.8%	46.0%
SAU801282	SPY201680	27%	76.2%	24.6%
SAU801282	TPA100330	34%	56.2%	18.0%
SAU801282	VCH100745	30%	53.8%	17.8%
SAU801282	YPS003236	24%	87.7%	33.6%
SAU801286	BAN101235	48%	99.6%	99.8%
SAU801286	BAN102202	68%	99.2%	99.6%
SAU801286	BFR11955	42%	99.0%	99.8%
SAU801286	BBU100503	45%	98.5%	98.4%
SAU801286	BCE102283	25%	13.9%	34.8%
SAU801286	CJU101134	43%	99.6%	100%
SAU801286	CTR200895	25%	24.1%	28.6%
SAU801286	CAC102280	58%	99.8%	99.2%
SAU801286	CBO100216	49%	45.7%	98.7%
SAU801286	CDF100051	76%	21.8%	93.4%
SAU801286	CDF100869	58%	99.2%	97.7%
SAU801286	EBC104561	30%	16.2%	13.2%
SAU801286	EFA201506	65%	99.6%	99.8%
SAU801286	EFM100483	63%	97.7%	100%
SAU801286	HIN100903	33%	15.8%	12.9%
SAU801286	HPY100747	38%	84.4%	92.0%
SAU801286	KPN108885	24%	27.7%	83.9%
SAU801286	LMO101581	68%	99.4%	99.2%
SAU801286	MAV108578	40%	11.2%	13.0%
SAU801286	MBV102427	23%	32.2%	70.2%
SAU801286	MLP100500	30%	17.5%	22.1%
SAU801286	MTU201661	23%	32.2%	64.9%
SAU801286	MGE100132	26%	46.2%	49.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801286	MPN100564	26%	47.2%	50.5%
SAU801286	SAU801286	100%	100%	100%
SAU801286	SEP201589	93%	100%	100%
SAU801286	SHA101288	93%	100%	100%
SAU801286	SMU101495	54%	99.6%	100%
SAU801286	SPN401582	54%	100%	100%
SAU801286	SPY201258	52%	99.6%	100%
SAU801286	TPA101008	49%	98.5%	99.2%
SAU801286	UUR100083	32%	81.9%	88.2%
SAU801296	ABA100502	35%	99.7%	87.6%
SAU801296	BAN112441	36%	98.6%	89.0%
SAU801296	BAN105004	46%	100%	88.8%
SAU801296	BFR102385	34%	99.5%	87.7%
SAU801296	BPT102145	34%	99.7%	84.4%
SAU801296	BBU100796	29%	99.2%	88.1%
SAU801296	BCE113665	36%	83.9%	86.0%
SAU801296	BFU100247	52%	18.9%	64.9%
SAU801296	BMA101183	35%	91.6%	77.6%
SAU801296	CPN200903	35%	88.4%	85.3%
SAU801296	CTR200169	34%	88.8%	86.5%
SAU801296	CAC101879	43%	100%	88.6%
SAU801296	CBO101875	42%	100%	89.3%
SAU801296	CDF101333	41%	100%	88.6%
SAU801296	EBC104328	36%	88.8%	85.7%
SAU801296	EFA201508	50%	99.9%	88.2%
SAU801296	EFM202291	49%	99.9%	88.5%
SAU801296	ECO102673	37%	88.8%	81.2%
SAU801296	HIN100686	36%	93.7%	84.7%
SAU801296	KPN300176	27%	15.8%	80.9%
SAU801296	KPN303856	36%	88.8%	81.2%
SAU801296	LPN100294	46%	29.6%	76.8%
SAU801296	LMO102476	52%	99.9%	88.5%
SAU801296	NGO100025	34%	99.9%	88.8%
SAU801296	NME200231	35%	99.9%	88.0%
SAU801296	PMU101830	35%	99.4%	87.8%
SAU801296	PRT104418	35%	99.4%	87.2%
SAU801296	PAE203618	35%	89.0%	81.4%
SAU801296	PPU106720	34%	99.7%	88.1%
SAU801296	PSY104425	36%	89.0%	81.4%
SAU801296	SPA101071	34%	87.6%	92.6%
SAU801296	STY103352	37%	88.8%	81.1%
SAU801296	STM103830	37%	88.8%	81.1%
SAU801296	SAU801296	100%	100%	100%
SAU801296	SEP201609	79%	100%	88.4%
SAU801296	SHA101666	82%	88.2%	87.8%
SAU801296	SMU101244	43%	99.9%	88.2%
SAU801296	SPN401885	43%	99.9%	86.8%
SAU801296	SPY201640	42%	99.9%	88.2%
SAU801296	TPA100324	34%	100%	87.8%
SAU801296	VCH100525	37%	88.6%	80.5%
SAU801296	YPS000071	38%	88.8%	81.4%
SAU801297	ABA100436	30%	99.4%	98.3%
SAU801297	BAN110763	44%	97.5%	100%
SAU801297	BAN112909	46%	99.9%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801297	BFR100255	29%	98.7%	98.9%
SAU801297	BPT102215	35%	99.3%	98.7%
SAU801297	BBU100210	30%	99.7%	99.8%
SAU801297	BCE101069	39%	99.3%	96.4%
SAU801297	BFU105240	39%	99.3%	95.2%
SAU801297	BMA108596	38%	99.3%	95.5%
SAU801297	CPN201040	31%	87.0%	86.4%
SAU801297	CTR200853	35%	48.7%	56.6%
SAU801297	CAC102986	33%	99.6%	99.7%
SAU801297	CBO103041	32%	99.9%	99.8%
SAU801297	CDF101334	34%	98.2%	98.0%
SAU801297	EBC102001	41%	96.4%	96.1%
SAU801297	EFA201509	43%	99.9%	99.4%
SAU801297	EFM201334	45%	99.9%	99.4%
SAU801297	ECO104060	38%	49.2%	54.5%
SAU801297	HIN100066	28%	83.0%	84.3%
SAU801297	KPN300048	43%	25.0%	99.4%
SAU801297	KPN301336	39%	50.4%	55.4%
SAU801297	LPN100571	38%	48.9%	57.3%
SAU801297	LMO100388	49%	99.6%	99.3%
SAU801297	NGO100175	31%	99.7%	99.7%
SAU801297	NME201515	30%	99.7%	99.7%
SAU801297	PMU100904	40%	48.0%	52.8%
SAU801297	PRT104001	28%	92.1%	91.9%
SAU801297	PAE204941	39%	99.4%	98.9%
SAU801297	PPU106702	40%	99.4%	98.9%
SAU801297	PSY101062	40%	99.4%	96.4%
SAU801297	SPA101227	48%	28.4%	73.3%
SAU801297	STY103745	40%	47.8%	53.4%
SAU801297	STM103526	40%	47.8%	53.4%
SAU801297	SAU801297	100%	100%	100%
SAU801297	SEP201920	75%	100%	100%
SAU801297	SHA101443	75%	100%	100%
SAU801297	SMU101239	42%	99.9%	98.0%
SAU801297	SPN400160	40%	99.9%	98.0%
SAU801297	SPY201621	41%	99.9%	98.0%
SAU801297	TPA100300	34%	99.3%	94.3%
SAU801297	UUR100579	22%	24.8%	33.6%
SAU801297	VCH100340	29%	87.9%	88.4%
SAU801297	YPS003494	39%	47.8%	51.8%
SAU801301	ABA103732	60%	98.8%	98.0%
SAU801301	BAN107568	66%	41.6%	93.2%
SAU801301	BAN110463	78%	79.1%	99.5%
SAU801301	BPT102742	50%	98.6%	97.2%
SAU801301	BBU100240	56%	97.8%	97.2%
SAU801301	BCE105610	30%	96.6%	95.3%
SAU801301	BFU103471	55%	99.2%	98.8%
SAU801301	BMA108603	55%	99.2%	95.2%
SAU801301	CAC100927	58%	99.0%	99.2%
SAU801301	CBO103256	63%	98.2%	96.1%
SAU801301	CDF103106	63%	99.8%	98.2%
SAU801301	CDP100653	50%	98.4%	98.2%
SAU801301	EBC104504	61%	98.2%	97.4%
SAU801301	EFA202255	64%	99.4%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801301	EFM201617	62%	96.2%	99.8%
SAU801301	ECO103832	61%	99.4%	98.6%
SAU801301	HIN100672	58%	98.2%	97.2%
SAU801301	HPY200804	33%	10.8%	19.2%
SAU801301	KPN300967	61%	98.2%	97.2%
SAU801301	LPN100925	47%	97.6%	98.0%
SAU801301	LMO101597	69%	99.4%	99.6%
SAU801301	MAV103198	51%	98.4%	97.6%
SAU801301	MBV104620	51%	98.2%	99%
SAU801301	MLP101379	50%	98.4%	97.6%
SAU801301	MTU203642	51%	98.2%	95.7%
SAU801301	MGE100038	47%	99.4%	98.6%
SAU801301	MPN100104	48%	98.6%	97.8%
SAU801301	PMU101446	59%	99.8%	99.0%
SAU801301	PRT101873	60%	98.8%	96.7%
SAU801301	PAE203580	61%	98.8%	97.4%
SAU801301	PPU101510	61%	98.8%	97.4%
SAU801301	PSY105188	60%	98.8%	97.0%
SAU801301	SPA101671	59%	99.4%	98.8%
SAU801301	STY103131	61%	99.4%	98.8%
SAU801301	SAU801301	100%	100%	100%
SAU801301	SEP201925	86%	100%	99.8%
SAU801301	SHA100389	86%	100%	99.8%
SAU801301	SPN401988	63%	99.2%	98.4%
SAU801301	SPY201295	64%	99.8%	97.8%
SAU801301	VCH103465	58%	99.2%	97.8%
SAU801301	YPS003517	39%	97.4%	97.4%
SAU801303	BAN106168	27%	98.4%	96.8%
SAU801303	BAN103220	31%	98.4%	98.7%
SAU801303	BFR103324	24%	48.7%	37.1%
SAU801303	CAC101453	33%	35.2%	30.9%
SAU801303	CBO101891	31%	100%	99.0%
SAU801303	CDF101626	34%	39.1%	77.8%
SAU801303	CDP100635	25%	87.8%	85.8%
SAU801303	EBC103957	30%	46.4%	43.6%
SAU801303	EFA202448	32%	98.0%	98.4%
SAU801303	ECO103737	28%	40.5%	37.1%
SAU801303	HIN100626	21%	88.5%	81.8%
SAU801303	KPN303520	28%	46.4%	43.6%
SAU801303	LPN102659	25%	31.6%	31.8%
SAU801303	LMO101007	32%	97.4%	97.4%
SAU801303	MCA103128	27%	88.8%	100%
SAU801303	MAV102145	21%	90.5%	90.3%
SAU801303	NME300873	22%	46.7%	51.6%
SAU801303	PAE203299	29%	98.7%	95.6%
SAU801303	PPU108432	29%	98.7%	96.5%
SAU801303	SPA101172	28%	46.4%	42.6%
SAU801303	STY102009	30%	48.0%	44.4%
SAU801303	STM101115	30%	48.0%	44.4%
SAU801303	SAU801303	100%	100%	100%
SAU801303	SEP201929	51%	100%	99.4%
SAU801303	SHA102823	55%	98.7%	98.0%
SAU801303	VCH100134	26%	30.6%	28.4%
SAU801303	YPS001338	25%	48.0%	44.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801310	ABA100417	35%	96.9%	98.1%
SAU801310	BAN105748	72%	98.9%	99.3%
SAU801310	BAN104448	75%	98.9%	99.3%
SAU801310	BFR11190	26%	91.0%	86.4%
SAU801310	BPT102675	37%	97.3%	92.8%
SAU801310	BCE102837	39%	84.1%	85.6%
SAU801310	BFU101392	37%	93.0%	99.1%
SAU801310	BMA100200	39%	84.1%	85.6%
SAU801310	CJU100649	38%	93.0%	93.5%
SAU801310	CAC103422	34%	27.6%	19.7%
SAU801310	CBO100732	23%	85.9%	70.9%
SAU801310	CDF100645	29%	21.5%	19.9%
SAU801310	CDP100410	37%	88.8%	89.3%
SAU801310	EBC103135	40%	88.1%	89.3%
SAU801310	EFA201729	71%	100%	100%
SAU801310	EFM202549	71%	100%	100%
SAU801310	ECO103776	39%	90.6%	91.7%
SAU801310	HIN100845	39%	88.6%	89.2%
SAU801310	HPY100507	36%	93.3%	93.8%
SAU801310	KPN301351	40%	88.1%	89.3%
SAU801310	LPN101888	34%	97.8%	99.1%
SAU801310	LMO101667	75%	98.9%	99.3%
SAU801310	MCA100914	38%	87.2%	88.7%
SAU801310	MAV103088	42%	97.8%	98.7%
SAU801310	MBV103559	42%	97.8%	98.7%
SAU801310	MLP100995	43%	97.8%	98.7%
SAU801310	MTU202188	42%	97.8%	98.7%
SAU801310	NGO100777	38%	87.4%	82.0%
SAU801310	NME201965	38%	87.4%	88.8%
SAU801310	PMU101175	38%	92.6%	92.8%
SAU801310	PRT102825	39%	88.1%	89.3%
SAU801310	PAE205114	37%	95.7%	97.4%
SAU801310	PPU106798	36%	95.7%	97.6%
SAU801310	PSY103100	37%	95.7%	97.6%
SAU801310	SPA103892	39%	90.6%	91.7%
SAU801310	STY103416	40%	90.6%	91.7%
SAU801310	SAU801310	100%	100%	100%
SAU801310	SEP201943	95%	100%	100%
SAU801310	SHA100843	94%	89.2%	100%
SAU801310	SMU100694	66%	98.7%	99.3%
SAU801310	SPN400444	65%	98.7%	99.3%
SAU801310	SPY201446	64%	98.7%	99.3%
SAU801310	VCH102707	38%	92.8%	93.6%
SAU801310	YPS001320	38%	88.8%	90.0%
SAU801321	BAN105583	26%	97.8%	94.7%
SAU801321	BAN102074	29%	94.2%	90.7%
SAU801321	CAC102608	24%	88.4%	89.4%
SAU801321	EFM101112	28%	53.4%	60.4%
SAU801321	MGE100396	23%	27.8%	76.5%
SAU801321	SAU801321	100%	100%	100%
SAU801321	SEP201965	50%	97.5%	97.3%
SAU801321	SHA102754	50%	73.0%	99.3%
SAU801321	SMU101032	36%	61.2%	95.7%
SAU801321	SPN401813	30%	92.0%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801321	UUR100029	23%	39.9%	56.7%
SAU801322	BAN105174	44%	79.5%	100%
SAU801322	BAN104200	45%	100%	100%
SAU801322	SAU801322	100%	100%	100%
SAU801322	SEP201967	69%	100%	100%
SAU801322	SHA100761	69%	100%	100%
SAU801322	SMU101030	49%	98%	98.5%
SAU801322	SPN401812	50%	98.5%	99.0%
SAU801330	BAN111952	38%	84.9%	91.5%
SAU801330	BAN108525	43%	90.1%	89.2%
SAU801330	CJU100123	26%	96.1%	98.6%
SAU801330	CAC103773	29%	85.5%	86.5%
SAU801330	CBO102527	33%	88.8%	87.7%
SAU801330	CDF102912	34%	93.8%	93%
SAU801330	CDP100062	31%	84.9%	84.4%
SAU801330	EBC102666	26%	89.5%	90.3%
SAU801330	EFA200377	41%	96.7%	99.3%
SAU801330	ECO100003	26%	89.5%	90%
SAU801330	HIN100087	30%	85.2%	86.3%
SAU801330	HPY101033	24%	95.7%	97.6%
SAU801330	KPN302083	27%	89.5%	90.3%
SAU801330	LMO102232	39%	96.7%	99.0%
SAU801330	MAV106529	30%	85.5%	84.6%
SAU801330	MBV105500	28%	86.5%	71.7%
SAU801330	MLP100697	30%	86.5%	84.4%
SAU801330	MTU201279	28%	86.5%	84.2%
SAU801330	PMU100114	29%	85.2%	86.3%
SAU801330	PRT105493	28%	85.2%	86.1%
SAU801330	SPA100290	26%	90.1%	91.2%
SAU801330	STY100368	26%	89.5%	90.3%
SAU801330	STM100041	26%	89.5%	90.3%
SAU801330	SAU801330	100%	100%	100%
SAU801330	SEP201983	67%	99.7%	99.0%
SAU801330	SHA100711	70%	99.7%	99.3%
SAU801330	SMU100986	40%	96.7%	98.6%
SAU801330	SPN401217	40%	96.7%	98.6%
SAU801330	VCH102328	30%	87.5%	87.4%
SAU801330	YPS000770	26%	85.2%	86.1%
SAU801331	BAN105201	34%	98.9%	100%
SAU801331	BAN104169	39%	98.9%	96.7%
SAU801331	BFR104366	30%	98.1%	94.9%
SAU801331	BFR11663	34%	98.9%	64.9%
SAU801331	BPT104731	21%	89.5%	82.6%
SAU801331	BCE113428	44%	20.2%	60%
SAU801331	BFU104191	25%	98.5%	96.3%
SAU801331	CAC103083	29%	98.9%	98.5%
SAU801331	CBO101559	29%	98.9%	98.5%
SAU801331	CDF103997	30%	98.9%	96.4%
SAU801331	EBC104368	28%	98.5%	98.1%
SAU801331	EFA201290	32%	98.5%	98.9%
SAU801331	EFM100732	29%	93.3%	98.8%
SAU801331	ECO103618	28%	97.8%	97.4%
SAU801331	HIN100003	28%	98.1%	97.7%
SAU801331	HPY200593	32%	34.8%	45.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801331	KPN302267	28%	97.8%	97.4%
SAU801331	LMO102909	33%	98.5%	98.2%
SAU801331	MCA102858	42%	26.2%	29.3%
SAU801331	PMU101555	25%	97.8%	94.4%
SAU801331	PRT100132	28%	98.5%	98.9%
SAU801331	PAE204955	27%	50.6%	30.3%
SAU801331	PPU111047	27%	40.8%	27.2%
SAU801331	SPA101786	28%	97.8%	92.0%
SAU801331	STY103971	28%	97.8%	97.4%
SAU801331	STM101116	27%	98.5%	98.5%
SAU801331	SAU801331	100%	100%	100%
SAU801331	SEP201985	71%	100%	99.6%
SAU801331	SHA100712	67%	100%	100%
SAU801331	SMU101554	31%	97.8%	97.4%
SAU801331	SPN401169	29%	97.4%	97.4%
SAU801331	SPY200445	30%	97.8%	97.4%
SAU801331	UUR100576	24%	95.9%	95.7%
SAU801331	VCH101344	31%	98.1%	96.3%
SAU801331	YPS003424	30%	98.5%	98.5%
SAU801342	ABA100381	46%	98.5%	98.0%
SAU801342	BAN111549	56%	57.1%	100%
SAU801342	BAN102492	60%	100%	97.8%
SAU801342	BFR11813	40%	98.8%	98.5%
SAU801342	BPT100911	44%	98.0%	97.6%
SAU801342	BCE113404	46%	98.0%	95.2%
SAU801342	BFU103444	46%	98.2%	96.4%
SAU801342	BMA106204	46%	98.0%	95.2%
SAU801342	CJU101551	44%	98.9%	98.9%
SAU801342	CPN200956	46%	98.0%	97.3%
SAU801342	CTR200126	45%	98.3%	97.4%
SAU801342	CAC102328	54%	98.3%	97.9%
SAU801342	CAC101106	54%	99.2%	98.8%
SAU801342	CBO103315	34%	99.1%	98.6%
SAU801342	CDF103784	36%	40.0%	93.5%
SAU801342	CDP100257	45%	98.9%	95.7%
SAU801342	EBC103706	45%	98.5%	98.6%
SAU801342	EFA201838	59%	98.5%	99.7%
SAU801342	EFM200992	29%	20.8%	23.3%
SAU801342	ECO102870	45%	98.5%	98.6%
SAU801342	HIN101002	48%	98.2%	98.2%
SAU801342	HPY101071	44%	99.5%	98.3%
SAU801342	KPN303075	45%	98.5%	98.6%
SAU801342	LPN102231	62%	27.3%	95.3%
SAU801342	LPN102506	45%	95.5%	99.1%
SAU801342	LMO101346	61%	100%	100%
SAU801342	MCA100777	45%	98.5%	96.7%
SAU801342	MAV101560	44%	98.8%	96.0%
SAU801342	MBV100248	42%	98.8%	96%
SAU801342	MLP100366	44%	98.9%	96.1%
SAU801342	MTU201430	42%	98.8%	96%
SAU801342	MGE100068	38%	97.7%	98.3%
SAU801342	MPN100073	36%	97.7%	98.3%
SAU801342	NGO100398	47%	99.1%	99.5%
SAU801342	NME201529	47%	99.1%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801342	PMU101638	46%	97.6%	97.8%
SAU801342	PMU101242	46%	98.5%	98.7%
SAU801342	PRT102791	46%	98.5%	98.5%
SAU801342	PAE200547	47%	97.6%	97.4%
SAU801342	PPU104660	47%	98.5%	98.3%
SAU801342	PSY103014	46%	96.2%	98.8%
SAU801342	SPA101296	44%	98.5%	98.6%
SAU801342	STY104533	44%	98.5%	98.6%
SAU801342	STM101336	46%	97.9%	97.6%
SAU801342	SAU801342	100%	100%	100%
SAU801342	SEP202003	84%	100%	100%
SAU801342	SHA100863	84%	59.1%	98.5%
SAU801342	SMU101576	55%	98.9%	99.4%
SAU801342	SPN401839	54%	98.9%	99.4%
SAU801342	SPY201289	57%	99.8%	92.7%
SAU801342	TPA100554	45%	98.0%	97.7%
SAU801342	UUR100593	38%	98.5%	99.2%
SAU801342	VCH103347	46%	99.4%	97.1%
SAU801342	VCH100468	46%	99.7%	95.4%
SAU801342	YPS000208	47%	98.5%	98.5%
SAU801346	ABA102859	21%	79.3%	72.1%
SAU801346	BAN102851	37%	23.8%	26.1%
SAU801346	BAN105200	24%	99.7%	99.7%
SAU801346	BFR104408	21%	85.4%	96.0%
SAU801346	BBU100829	24%	95.2%	94.4%
SAU801346	CPN200747	21%	42.8%	86.4%
SAU801346	CAC102141	24%	98.6%	98.5%
SAU801346	CBO100905	21%	45.2%	90.6%
SAU801346	CBO101427	23%	69.0%	50.6%
SAU801346	CDF103294	24%	99.8%	99.1%
SAU801346	EBC101244	20%	48.6%	87.7%
SAU801346	EFA200866	25%	99.5%	99.4%
SAU801346	EFM202519	27%	99.8%	99.8%
SAU801346	ECO100389	21%	98.7%	98.4%
SAU801346	KPN305696	21%	98.7%	98.4%
SAU801346	LMO100865	27%	99.7%	99.5%
SAU801346	MCA102350	24%	66.9%	11.9%
SAU801346	PMU100774	22%	34.2%	53.5%
SAU801346	PRT101272	22%	61.2%	43.5%
SAU801346	PAE204280	23%	30.2%	2.2%
SAU801346	PPU101727	26%	39.6%	8.2%
SAU801346	PSY100720	21%	76.1%	64.9%
SAU801346	SPA100796	49%	5.5%	76.1%
SAU801346	STY100354	24%	30.0%	37.0%
SAU801346	SAU801346	100%	100%	100%
SAU801346	SEP202013	44%	100%	100%
SAU801346	SHA102750	52%	11.6%	68.4%
SAU801346	SPY100934	23%	17.0%	51.5%
SAU801346	TPA100620	22%	98.7%	98.7%
SAU801346	VCH103246	25%	99.6%	99.7%
SAU801346	YPS002049	22%	27.7%	46.2%
SAU801353	BAN110703	46%	98.0%	99.5%
SAU801353	BPT100366	38%	96.0%	90.2%
SAU801353	BCE111262	36%	98.5%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801353	BFU102327	34%	98.5%	91.6%
SAU801353	BMA109316	38%	98.5%	96.1%
SAU801353	CJU100326	32%	97.0%	98.0%
SAU801353	CAC101816	33%	97.0%	99.0%
SAU801353	CBO101234	37%	97.0%	99.5%
SAU801353	CDF101093	35%	97.0%	94.6%
SAU801353	EBC100867	34%	96.0%	89.8%
SAU801353	EFA201321	41%	99.5%	93.5%
SAU801353	EFM102093	41%	89.6%	94.8%
SAU801353	ECO102993	32%	96.0%	90.2%
SAU801353	HIN100253	32%	98.5%	95.5%
SAU801353	HPY101488	32%	97.0%	79.0%
SAU801353	KPN304106	31%	96.0%	90.2%
SAU801353	LPN102283	33%	99.0%	69.7%
SAU801353	LMO102620	50%	99.0%	98.0%
SAU801353	MGE100251	33%	98.5%	95.0%
SAU801353	MPN100486	32%	98.5%	95.0%
SAU801353	NGO101160	33%	98.5%	98%
SAU801353	NME201160	33%	98.5%	98%
SAU801353	PMU101696	34%	98.5%	94.5%
SAU801353	PRT100514	34%	96.0%	84.9%
SAU801353	PAE200580	34%	96.5%	98.4%
SAU801353	PPU100641	31%	96.5%	98.4%
SAU801353	PSY103383	30%	96.5%	98.4%
SAU801353	SPA101471	34%	96.0%	88.5%
SAU801353	STY100804	34%	96.0%	91.1%
SAU801353	STM101260	34%	96.0%	91.1%
SAU801353	SAU801353	100%	100%	100%
SAU801353	SEP202027	89%	100%	100%
SAU801353	SHA100825	86%	100%	100%
SAU801353	SMU101039	43%	94.6%	90.6%
SAU801353	SPN400755	42%	99.5%	94.8%
SAU801353	SPY200679	40%	99.5%	94.8%
SAU801353	UUR100408	35%	98.0%	88.7%
SAU801353	VCH100513	32%	98.0%	90.9%
SAU801353	YPS001965	33%	96.0%	85.6%
SAU801354	BAN100279	67%	95.5%	99.5%
SAU801354	BAN106450	70%	97.9%	99.1%
SAU801354	EFA201799	71%	97.9%	95.0%
SAU801354	EFM202341	70%	95.3%	99.4%
SAU801354	LMO101322	70%	97.9%	99.1%
SAU801354	MGE100205	47%	95.6%	99.7%
SAU801354	MPN100032	45%	95.6%	99.7%
SAU801354	SAU801354	100%	100%	100%
SAU801354	SEP202029	92%	99.8%	99.7%
SAU801354	SHA100791	64%	20.3%	100%
SAU801354	SHA100826	91%	99.8%	99.7%
SAU801354	SMU101038	68%	95.6%	98.2%
SAU801354	SPN400756	69%	95.6%	98.1%
SAU801354	SPY200680	67%	95.8%	98.2%
SAU801354	UUR100471	52%	96.2%	98.8%
SAU801354	ECO102964	38%	94.1%	97.9%
SAU801354	NME201790	39%	95.0%	98.6%
SAU801354	PAE204962	38%	94.0%	97.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801354	PMU100370	38%	94.3%	98.1%
SAU801354	YPS001994	37%	94.6%	98.3%
SAU801355	BAN110308	42%	92.1%	92.2%
SAU801355	BAN106306	58%	99.6%	99.0%
SAU801355	CBO103199	45%	90.6%	96.7%
SAU801355	EFA201801	56%	99.2%	97.7%
SAU801355	EFM100902	54%	99.1%	98.0%
SAU801355	LMO102776	56%	99.5%	97.6%
SAU801355	SAU801355	100%	100%	100%
SAU801355	SEP202031	83%	99.9%	99.9%
SAU801355	SHA100827	83%	98.4%	100%
SAU801355	SMU101036	53%	96.9%	98.4%
SAU801355	SPN400757	52%	99.4%	98.3%
SAU801355	SPY200681	52%	98.9%	99.0%
SAU801355	UUR100472	41%	93.8%	88.6%
SAU801355	ECO102953	32%	92.4%	97.5%
SAU801355	MPN100031	37%	91.3%	92.5%
SAU801355	NME201659	32%	88.8%	94.6%
SAU801355	PAE204959	36%	71.0%	74.5%
SAU801355	PMU100369	32%	86.8%	91.0%
SAU801355	YPS002002	33%	86%	89.8%
SAU801362	ABA105445	44%	15.0%	65.3%
SAU801362	BCE112162	25%	16.5%	22.0%
SAU801362	CDF100773	30%	78.0%	86.2%
SAU801362	CDF100771	32%	67.3%	84.6%
SAU801362	EFA201849	42%	93.6%	78.2%
SAU801362	EFM202260	38%	89.0%	97.6%
SAU801362	LMO100807	41%	92.7%	99.0%
SAU801362	MAV108258	30%	61.5%	67.2%
SAU801362	MTU400793	25%	67.0%	51.2%
SAU801362	MTU405761	25%	67.0%	52.5%
SAU801362	SAU801362	100%	100%	100%
SAU801362	SEP202045	76%	99.4%	98.8%
SAU801362	SHA102568	70%	47.1%	100%
SAU801362	SMU100110	32%	94.8%	74.0%
SAU801362	SPN401225	30%	96.0%	83.5%
SAU801362	SPY201033	31%	93.6%	71.2%
SAU801362	TPA100731	23%	42.2%	35.4%
SAU801366	BAN105241	54%	47.8%	96.5%
SAU801366	BAN108518	61%	47.8%	98.2%
SAU801366	BAN108248	63%	98.0%	96.3%
SAU801366	CAC101350	50%	97.1%	96.8%
SAU801366	CBO102562	47%	98.3%	98.0%
SAU801366	CDF103804	43%	97.7%	92.6%
SAU801366	LMO100556	60%	98.5%	96.6%
SAU801366	MAV108484	36%	98.0%	83.0%
SAU801366	PAE203459	37%	98.5%	83.9%
SAU801366	PPU105893	36%	99.1%	87.3%
SAU801366	PSY104354	38%	96.5%	87.6%
SAU801366	SAU801366	100%	100%	100%
SAU801366	SHA101687	80%	99.4%	98.6%
SAU801366	SPN400552	55%	99.7%	99.4%
SAU801375	BFR103954	26%	35.1%	36.7%
SAU801375	SAU801375	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801375	SEP202067	86%	100%	100%
SAU801375	SHA101696	82%	93.8%	100%
SAU801375	SPY200443	27%	98.6%	99.0%
SAU801388	ABA103820	44%	92.9%	64.3%
SAU801388	BAN111672	45%	97.4%	100%
SAU801388	BAN112161	56%	97.4%	95.6%
SAU801388	BFR10280	36%	79.5%	60.5%
SAU801388	BPT101013	30%	84.4%	82.2%
SAU801388	BBU100215	35%	91.2%	95.0%
SAU801388	BCE106431	29%	89.9%	84.7%
SAU801388	BFU107007	30%	87.3%	85.6%
SAU801388	BMA101485	27%	90.6%	85.0%
SAU801388	CJU100575	40%	92.2%	97.7%
SAU801388	CAC102164	29%	86.4%	89.9%
SAU801388	CBO103614	32%	92.2%	97.2%
SAU801388	CDF100003	33%	29.9%	81.1%
SAU801388	CDF104102	34%	95.1%	96.1%
SAU801388	CDP100488	29%	93.2%	90.6%
SAU801388	EBC104239	28%	93.5%	95.0%
SAU801388	EFA200604	30%	96.1%	97.1%
SAU801388	ECO103648	27%	93.5%	95.0%
SAU801388	HIN101348	30%	89.6%	91.7%
SAU801388	KPN302236	27%	92.5%	94.0%
SAU801388	LMO102682	34%	93.2%	96.4%
SAU801388	MCA100488	32%	84.7%	86.2%
SAU801388	MAV105985	29%	91.6%	91.2%
SAU801388	MBV103842	30%	87.7%	89.9%
SAU801388	MLP101266	29%	90.6%	92.8%
SAU801388	MTU200926	30%	87.7%	89.9%
SAU801388	PMU100435	31%	79.2%	80.6%
SAU801388	PRT102835	28%	93.8%	95.3%
SAU801388	PPU107748	30%	90.3%	90.4%
SAU801388	PSY104957	32%	89.6%	97.2%
SAU801388	STY103903	28%	93.5%	95.0%
SAU801388	SAU801388	100%	100%	100%
SAU801388	SEP202089	83%	100%	100%
SAU801388	SHA101136	82%	100%	100%
SAU801388	SMU100943	28%	100%	99.4%
SAU801388	SPN401255	31%	88.3%	87.9%
SAU801388	SPY200954	29%	82.8%	83.0%
SAU801388	VCH102807	30%	95.5%	87.2%
SAU801388	YPS003539	28%	95.8%	97.5%
SAU801392	BAN100882	70%	88.2%	98.9%
SAU801392	BAN109532	73%	95.9%	62.1%
SAU801392	BFR10176	56%	47.3%	99.4%
SAU801392	BPT100336	44%	99.6%	90.2%
SAU801392	BBU100741	57%	95.9%	40%
SAU801392	BCE107353	46%	98.7%	43.4%
SAU801392	BFU101573	46%	99.6%	99.8%
SAU801392	BMA103267	46%	99.6%	99.8%
SAU801392	CJU100394	46%	99.1%	99.4%
SAU801392	CPN200741	39%	93.8%	40%
SAU801392	CTR200617	38%	93.8%	40.2%
SAU801392	CAC102468	68%	98.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801392	CBO103433	66%	45.6%	99.8%
SAU801392	CDF100968	64%	48.4%	100%
SAU801392	EBC102343	45%	99.6%	99.6%
SAU801392	EFA200654	70%	100%	98.2%
SAU801392	EFM100463	71%	38.5%	99.8%
SAU801392	ECO100796	45%	99.6%	99.8%
SAU801392	HPY100840	48%	98.7%	99.2%
SAU801392	KPN302739	45%	99.6%	99.8%
SAU801392	LMO100778	74%	99.2%	99.1%
SAU801392	NGO100212	46%	99.6%	99.8%
SAU801392	NME201287	46%	99.6%	99.8%
SAU801392	PRT100022	45%	99.6%	99.6%
SAU801392	PAE201962	46%	44.1%	99.0%
SAU801392	PPU110733	46%	99.8%	99.8%
SAU801392	PSY102530	47%	98.1%	99.6%
SAU801392	SPA102072	44%	99.6%	99.6%
SAU801392	STY102394	45%	99.6%	99.6%
SAU801392	STM102165	45%	99.6%	99.8%
SAU801392	SAU801392	100%	100%	100%
SAU801392	SEP202098	94%	100%	99.6%
SAU801392	SHA100965	94%	100%	99.8%
SAU801392	SMU101414	65%	98.9%	97.6%
SAU801392	SPN402032	66%	99.6%	98.1%
SAU801392	SPY201692	66%	98.7%	97.4%
SAU801392	TPA100829	53%	47.3%	97.5%
SAU801392	VCH101496	46%	99.6%	99.6%
SAU801392	YPS002248	45%	99.6%	99.6%
SAU801394	ABA102417	23%	99.1%	99.7%
SAU801394	BAN105110	48%	66.9%	94.4%
SAU801394	BAN110285	47%	98.2%	97.1%
SAU801394	BFR101725	43%	97.9%	98.2%
SAU801394	BPT101923	23%	93.9%	95.2%
SAU801394	BCE110623	24%	93.9%	96.0%
SAU801394	BFU109219	23%	93.9%	96.0%
SAU801394	BMA107844	24%	93.9%	96.0%
SAU801394	CJU100951	43%	98.5%	98.0%
SAU801394	CPN200789	26%	94.2%	93.1%
SAU801394	CTR200632	28%	94.2%	91.6%
SAU801394	CAC102778	25%	94.2%	93.6%
SAU801394	CAC100810	27%	96.7%	96.1%
SAU801394	CBO102584	51%	98.2%	87.9%
SAU801394	CDF102483	52%	97.3%	97.0%
SAU801394	CDP101635	40%	97.3%	99.1%
SAU801394	EBC101246	28%	97.6%	97.0%
SAU801394	EFA200749	46%	96.4%	94.4%
SAU801394	EFM202572	51%	97.0%	95.8%
SAU801394	ECO102277	29%	97.6%	97.0%
SAU801394	HIN100627	22%	98.2%	99.7%
SAU801394	HPY101172	38%	95.7%	96.2%
SAU801394	KPN302836	27%	97.3%	96.7%
SAU801394	LPN102579	45%	96.4%	96.2%
SAU801394	LMO102054	45%	98.8%	99.1%
SAU801394	MCA103569	22%	93.9%	96.6%
SAU801394	MAV103165	39%	97.3%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801394	MBV102870	40%	87.5%	93.8%
SAU801394	MLP101382	38%	96.4%	96.3%
SAU801394	MTU203654	39%	96.4%	97.1%
SAU801394	NGO100986	25%	97.6%	98.9%
SAU801394	NME200328	25%	97.6%	98.9%
SAU801394	PMU101632	23%	98.2%	99.7%
SAU801394	PRT101099	27%	97.6%	97.0%
SAU801394	PAE203114	25%	97.6%	97.3%
SAU801394	PPU105849	29%	97.6%	97.3%
SAU801394	PSY101677	31%	89.4%	98.0%
SAU801394	SPA102819	26%	97.6%	97.0%
SAU801394	STY101017	27%	97.6%	97.0%
SAU801394	SAU801394	100%	100%	100%
SAU801394	SEP202102	85%	99.7%	99.7%
SAU801394	SHA100967	86%	99.7%	99.7%
SAU801394	SMU100090	44%	97.0%	94.1%
SAU801394	SPN400918	42%	96.4%	93.6%
SAU801394	VCH102075	42%	97.6%	97.0%
SAU801394	YPS002391	30%	97.6%	97.0%
SAU801396	ABA105360	41%	77.1%	70.3%
SAU801396	BAN102900	25%	94.2%	87.7%
SAU801396	BAN107078	25%	94.2%	87.6%
SAU801396	BFR10828	34%	93.8%	91.7%
SAU801396	BPT102724	37%	76.7%	70.6%
SAU801396	BCE105684	35%	78.8%	73.6%
SAU801396	BMA108656	39%	79.2%	77.2%
SAU801396	CJU100185	37%	78.3%	79.8%
SAU801396	CPN200790	29%	98.3%	90.2%
SAU801396	CTR200633	34%	80%	77.2%
SAU801396	CAC100895	39%	100%	98.4%
SAU801396	CBO100936	42%	96.7%	94.0%
SAU801396	CDF100169	43%	49.2%	98.3%
SAU801396	CDF101971	40%	94.2%	86.5%
SAU801396	CDF103888	42%	100%	98.8%
SAU801396	CDP100444	25%	70.8%	72.2%
SAU801396	EBC102147	37%	77.5%	70.3%
SAU801396	EFA201878	25%	100%	99.2%
SAU801396	EFM201574	38%	100%	97.5%
SAU801396	ECO100031	37%	77.1%	70.0%
SAU801396	HIN101274	35%	76.2%	70%
SAU801396	HPY100505	31%	97.1%	97.2%
SAU801396	KPN306527	37%	90%	82.4%
SAU801396	LPN103391	26%	68.3%	68.7%
SAU801396	LMO101881	21%	100%	99.2%
SAU801396	MCA102220	38%	80.4%	74.7%
SAU801396	MAV101194	25%	74.6%	75.9%
SAU801396	MBV101254	25%	75.4%	76.7%
SAU801396	MTU202735	26%	75.4%	76.7%
SAU801396	NGO100748	35%	80.8%	74.0%
SAU801396	NME200061	36%	78.8%	72.1%
SAU801396	PMU100726	35%	76.2%	70%
SAU801396	PRT101653	36%	81.2%	73.6%
SAU801396	PAE204755	38%	79.6%	73.5%
SAU801396	PPU111382	37%	81.2%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801396	PSY104750	38%	81.2%	79.2%
SAU801396	SPA101380	38%	77.1%	70.2%
SAU801396	STY101155	38%	77.1%	70.0%
SAU801396	STM100870	38%	77.1%	70.0%
SAU801396	SAU801396	100%	100%	100%
SAU801396	SEP202106	77%	100%	100%
SAU801396	SHA100969	80%	100%	100%
SAU801396	SMU100878	27%	79.2%	76.9%
SAU801396	SPN401413	27%	79.2%	76.9%
SAU801396	VCH102356	38%	78.3%	72.1%
SAU801396	YPS000815	37%	76.2%	69.2%
SAU801408	ABA100780	19%	69.3%	71.1%
SAU801408	BAN104787	27%	98.9%	100%
SAU801408	BAN111400	32%	98.9%	98.7%
SAU801408	BFU103452	21%	60.5%	65.6%
SAU801408	CDF104135	20%	72.0%	72.4%
SAU801408	EFA201494	25%	18.8%	12.8%
SAU801408	EFM201409	20%	62.3%	50.7%
SAU801408	LMO102254	27%	17.8%	40.7%
SAU801408	PAE200524	26%	30.4%	31.0%
SAU801408	SAU801408	100%	100%	100%
SAU801408	SEP200320	76%	100%	100%
SAU801408	SHA101098	77%	99.4%	100%
SAU801413	ABA105904	40%	95.2%	93.7%
SAU801413	BAN103255	42%	77.4%	75.4%
SAU801413	BAN111079	46%	96.4%	94.1%
SAU801413	BPT101840	36%	97.7%	96.1%
SAU801413	BCE108051	37%	96.2%	94.8%
SAU801413	BFU101166	36%	96.2%	94.7%
SAU801413	BMA105967	37%	96.2%	95.2%
SAU801413	CPN200372	38%	89.2%	88.3%
SAU801413	CTR200319	37%	88.1%	87.5%
SAU801413	CDF103227	21%	14.4%	50.5%
SAU801413	CDP101055	38%	89.0%	88.9%
SAU801413	EBC102740	39%	96.1%	95.2%
SAU801413	ECO100709	38%	96.1%	95.2%
SAU801413	HIN101627	36%	96.1%	93.7%
SAU801413	KPN300439	56%	16.7%	91.7%
SAU801413	KPN301278	39%	96.1%	95.2%
SAU801413	LPN103608	38%	96.1%	95.1%
SAU801413	MCA101641	38%	95.9%	94.2%
SAU801413	MAV105067	41%	88.9%	74.0%
SAU801413	MBV101835	40%	88.9%	67.9%
SAU801413	MLP100674	41%	87.8%	64.3%
SAU801413	MTU201231	40%	88.9%	67.9%
SAU801413	NGO101271	36%	96.2%	95.9%
SAU801413	NME201061	36%	96.2%	95.9%
SAU801413	PMU100277	37%	93.7%	92.9%
SAU801413	PRT102075	37%	96.1%	95.2%
SAU801413	PAE201584	38%	96.1%	95.3%
SAU801413	PPU103111	38%	93.1%	94.2%
SAU801413	PSY104853	39%	87.7%	93.8%
SAU801413	SPA103278	38%	96.1%	94.8%
SAU801413	STY101930	38%	96.1%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801413	STM101669	38%	96.1%	95.2%
SAU801413	SAU801413	100%	100%	100%
SAU801413	SEP200338	81%	99.4%	99.9%
SAU801413	SHA102778	78%	72.5%	100%
SAU801413	VCH102055	38%	96.1%	95.2%
SAU801413	YPS002064	38%	96.1%	95.2%
SAU801419	BAN100510	26%	85.8%	87.1%
SAU801419	BFR100612	25%	93.5%	98.7%
SAU801419	CJU101619	33%	95.3%	91.5%
SAU801419	CAC103631	27%	96.4%	92.5%
SAU801419	CBO103591	32%	85.8%	86.0%
SAU801419	CDF104280	32%	98.8%	100%
SAU801419	CDP100572	20%	84.6%	83.1%
SAU801419	EFA200851	25%	98.8%	97.7%
SAU801419	EFM201484	22%	92.9%	93.5%
SAU801419	KPN304595	20%	84.6%	83.1%
SAU801419	LMO100047	22%	85.8%	84.3%
SAU801419	SAU801419	100%	100%	100%
SAU801419	SEP200360	65%	98.8%	100%
SAU801419	SHA101283	67%	98.8%	100%
SAU801419	SMU101216	22%	85.8%	81.0%
SAU801419	SPN401317	26%	85.8%	89.6%
SAU801419	SPY201637	26%	45.6%	68.3%
SAU801426	ABA105042	36%	88.7%	87.6%
SAU801426	BAN106373	43%	98.1%	100%
SAU801426	BFR103062	38%	97.5%	96.4%
SAU801426	BPT100703	36%	81.8%	80.6%
SAU801426	BCE101792	38%	99.4%	98.2%
SAU801426	BFU100755	37%	98.7%	97.6%
SAU801426	BMA106298	37%	99.4%	97.6%
SAU801426	CPN201094	34%	79.9%	77.6%
SAU801426	CTR200891	29%	80.5%	81.8%
SAU801426	CAC100060	39%	84.9%	90.2%
SAU801426	CDP100078	34%	71.1%	68.3%
SAU801426	EBC103149	34%	98.1%	99.4%
SAU801426	EFA201842	46%	94.3%	94.5%
SAU801426	EFM100508	46%	94.3%	88.6%
SAU801426	ECO100048	34%	98.1%	99.4%
SAU801426	HIN100879	44%	99.4%	100%
SAU801426	KPN307712	35%	98.1%	99.4%
SAU801426	LPN102439	37%	84.9%	97.9%
SAU801426	LMO102529	39%	91.2%	92.5%
SAU801426	MCA101498	37%	75.5%	74.9%
SAU801426	MAV101963	32%	74.8%	69.1%
SAU801426	MBV103478	39%	59.1%	61.0%
SAU801426	MLP100935	33%	61.0%	62.4%
SAU801426	MTU202726	39%	59.1%	61.0%
SAU801426	MGE100233	31%	69.2%	74.4%
SAU801426	MPN100515	27%	80.5%	91.9%
SAU801426	NGO101724	30%	98.7%	98.8%
SAU801426	NME202016	30%	98.7%	98.8%
SAU801426	PMU101893	41%	98.7%	97.0%
SAU801426	PRT101248	35%	100%	100%
SAU801426	PAE200349	34%	86.2%	86.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801426	PPU102745	33%	86.2%	95.5%
SAU801426	PSY108387	33%	83.0%	92.8%
SAU801426	SPA103699	35%	98.1%	99.4%
SAU801426	STY101217	34%	98.1%	99.4%
SAU801426	STM100930	35%	98.1%	99.4%
SAU801426	SAU801426	100%	100%	100%
SAU801426	SEP201187	79%	100%	98.8%
SAU801426	SEP200372	81%	100%	98.8%
SAU801426	SHA101277	86%	99.4%	99.4%
SAU801426	SMU100954	34%	95.6%	92.4%
SAU801426	SPN401428	34%	95.6%	94.0%
SAU801426	SPY200658	32%	99.4%	100%
SAU801426	UUR100113	28%	76.1%	80.1%
SAU801426	VCH100435	42%	96.2%	93.9%
SAU801426	YPS000851	39%	99.4%	100%
SAU801434	BFR100985	19%	5.8%	73.2%
SAU801434	BPT100907	21%	5.6%	93.6%
SAU801434	CJU100041	22%	22.9%	71.7%
SAU801434	CJU100788	22%	62.5%	65.0%
SAU801434	CAC100360	19%	94.0%	62.1%
SAU801434	CAC100718	18%	36.8%	67.2%
SAU801434	CDP100418	21%	2.6%	73.1%
SAU801434	HIN101341	19%	10.3%	51.3%
SAU801434	HPY100521	18%	31.5%	84.6%
SAU801434	KPN204472	22%	12.8%	89.0%
SAU801434	MAV100077	23%	48.2%	66.9%
SAU801434	MBV101083	31%	73.9%	65.4%
SAU801434	MTU202311	21%	9.4%	57.6%
SAU801434	MGE100222	20%	11.9%	98.3%
SAU801434	MPN100526	19%	30.1%	75.6%
SAU801434	PAE200410	20%	33.4%	72.4%
SAU801434	SAU801434	100%	100%	100%
SAU801434	SEP200390	22%	35.1%	95.8%
SAU801434	SEP200388	29%	95.8%	66.8%
SAU801434	UUR100500	20%	8.4%	11.1%
SAU801434	UUR100479	22%	78.5%	25.9%
SAU801434	UUR100487	19%	88.3%	21.1%
SAU801434	VCH101382	19%	3.3%	98.4%
SAU801439	ABA101540	43%	15.3%	30%
SAU801439	ABA103709	25%	93.8%	97.9%
SAU801439	BPT102239	28%	95.2%	99.7%
SAU801439	BCE106127	28%	86.3%	92%
SAU801439	BMA102767	29%	88.2%	92.9%
SAU801439	CBO102725	26%	81.7%	88.0%
SAU801439	EBC101979	27%	94.6%	72.1%
SAU801439	KPN304528	26%	94.6%	37.2%
SAU801439	LPN100345	25%	93.8%	96.3%
SAU801439	PPU102936	28%	73.9%	90.7%
SAU801439	PSY103265	28%	87.6%	72.5%
SAU801439	SAU801439	100%	100%	100%
SAU801450	ABA104514	27%	73.6%	64.5%
SAU801450	BAN111504	38%	7.2%	72.2%
SAU801450	BAN111626	37%	13.9%	88.7%
SAU801450	BAN112322	37%	24.2%	68.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801450	BAN109558	31%	36.7%	51.5%
SAU801450	BAN107365	29%	97.5%	80.5%
SAU801450	BAN100187	29%	88.7%	91.1%
SAU801450	BAN106468	33%	79.6%	98.1%
SAU801450	BAN109120	36%	90.1%	83.1%
SAU801450	BAN113112	35%	97.5%	86.2%
SAU801450	BFR12422	26%	81.4%	90.0%
SAU801450	BPT100929	28%	86.8%	87.6%
SAU801450	BBU100731	22%	76.2%	68.8%
SAU801450	BCE103115	26%	76.9%	83.5%
SAU801450	BFU113279	38%	83.6%	86.2%
SAU801450	BMA101975	27%	76.9%	74.9%
SAU801450	CJU100471	27%	81.3%	88.0%
SAU801450	CAC101849	28%	96.4%	96.0%
SAU801450	CBO102303	30%	82.7%	74.1%
SAU801450	CDF104052	29%	35.4%	69.5%
SAU801450	CDF102218	25%	99.0%	90.1%
SAU801450	CDP100789	26%	96.3%	95.2%
SAU801450	EBC100689	28%	68.2%	95.5%
SAU801450	EFA201378	31%	98.8%	93.1%
SAU801450	EFM201090	31%	88.2%	84.5%
SAU801450	ECO100149	25%	87.3%	74.3%
SAU801450	HIN101690	26%	77.0%	69.1%
SAU801450	HPY100590	24%	80.7%	87.1%
SAU801450	KPN300435	25%	22.8%	44.0%
SAU801450	KPN304206	28%	73.5%	60.3%
SAU801450	LPN102619	33%	15.1%	96.5%
SAU801450	LPN100189	37%	31.5%	77.6%
SAU801450	LMO102341	36%	98.6%	84.4%
SAU801450	MCA101332	30%	73.6%	66.3%
SAU801450	MAV101544	28%	74.1%	86.8%
SAU801450	MBV103327	27%	87.2%	76.0%
SAU801450	MLP101587	27%	87.1%	88.6%
SAU801450	MTU200050	28%	81.0%	85.7%
SAU801450	NGO101656	32%	83.9%	85.7%
SAU801450	NME200606	33%	87.8%	89.1%
SAU801450	PMU100456	27%	72.5%	65.5%
SAU801450	PRT101565	26%	73.5%	68.7%
SAU801450	PAE204696	30%	72.5%	65.6%
SAU801450	PPU108387	28%	72.5%	67.9%
SAU801450	PSY104456	30%	72.5%	67.9%
SAU801450	SPA102354	31%	43.6%	88.7%
SAU801450	STY103467	27%	73.5%	61.4%
SAU801450	STM103141	27%	73.5%	61.4%
SAU801450	SAU801450	100%	100%	100%
SAU801450	SEP200416	81%	100%	98.7%
SAU801450	SHA102710	46%	9.5%	61.7%
SAU801450	SHA101878	77%	99.0%	94.9%
SAU801450	SMU101483	32%	94.4%	97.0%
SAU801450	SPN400329	31%	95.0%	97.1%
SAU801450	SPY201271	32%	95.9%	97.8%
SAU801450	TPA100697	26%	82.0%	78.5%
SAU801450	VCH100591	25%	73.6%	66.2%
SAU801450	YPS000157	27%	73.5%	62.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801457	ABA105939	32%	48%	40.7%
SAU801457	BAN107872	38%	97.2%	99.5%
SAU801457	BAN102524	39%	97.2%	97.7%
SAU801457	BFR104611	34%	49%	43.2%
SAU801457	BPT101657	33%	50.5%	45.9%
SAU801457	BBU100705	32%	83.5%	82.7%
SAU801457	BCE100092	32%	48.2%	42.4%
SAU801457	BFU102642	31%	51%	43.3%
SAU801457	BMA109607	32%	48.2%	42.7%
SAU801457	CJU100728	27%	63.5%	69.6%
SAU801457	CPN201005	27%	96.2%	96.3%
SAU801457	CTR200077	38%	51.2%	50.2%
SAU801457	CAC103726	25%	65.8%	55.0%
SAU801457	CBO100682	43%	53.5%	48.4%
SAU801457	CDF103451	31%	95.2%	94.6%
SAU801457	CDP101606	38%	49%	41.0%
SAU801457	EBC102069	34%	55%	50.9%
SAU801457	EFA201869	37%	97%	95.1%
SAU801457	ECO100143	32%	50.8%	47.1%
SAU801457	HIN100062	29%	53.5%	49.8%
SAU801457	HPY100632	29%	98.2%	95.3%
SAU801457	KPN308697	33%	50.8%	49.1%
SAU801457	LPN103037	33%	54.2%	53.0%
SAU801457	LMO102472	37%	98.2%	98.7%
SAU801457	MCA100864	33%	40.2%	27.9%
SAU801457	MAV103429	38%	46.8%	40.4%
SAU801457	MBV106184	36%	46.8%	40.4%
SAU801457	MLP101592	38%	47%	40.3%
SAU801457	MTU203852	36%	46.8%	40.4%
SAU801457	NGO100973	31%	58.5%	52.1%
SAU801457	NME200969	30%	58.5%	51.4%
SAU801457	PMU100864	30%	54.8%	46.9%
SAU801457	PRT102520	33%	50.8%	48.2%
SAU801457	PAE204723	35%	52.8%	47.8%
SAU801457	PPU108737	35%	52.8%	48.2%
SAU801457	PSY105160	34%	52.8%	48.0%
SAU801457	SPA104027	34%	55%	51.1%
SAU801457	STY103428	34%	55%	48.9%
SAU801457	STM101254	31%	52.2%	50.4%
SAU801457	SAU801457	100%	100%	100%
SAU801457	SEP200430	56%	100%	100%
SAU801457	SHA101762	59%	100%	100%
SAU801457	SMU100881	39%	98.8%	99.2%
SAU801457	SPN401412	38%	96.8%	96.2%
SAU801457	SPY200644	38%	97.8%	98.0%
SAU801457	TPA100267	41%	48.5%	41.6%
SAU801457	VCH100583	24%	76.5%	72.6%
SAU801457	YPS000784	30%	64.8%	60.9%
SAU801458	BAN104921	44%	95.8%	99.2%
SAU801458	BAN113092	55%	99.5%	99.2%
SAU801458	BPT101918	24%	92.4%	85.8%
SAU801458	BBU100453	22%	79.2%	80.7%
SAU801458	BFU102831	23%	77.1%	71.6%
SAU801458	CPN200894	22%	77.9%	75.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801458	CTR100305	29%	13.4%	10.8%
SAU801458	CAC102137	21%	98.2%	97.2%
SAU801458	CAC100874	24%	99.5%	97.2%
SAU801458	CBO102992	25%	63.2%	58.8%
SAU801458	CBO100320	26%	78.2%	79.7%
SAU801458	CDF102815	24%	79.5%	80.7%
SAU801458	CDP100741	28%	41.1%	38.9%
SAU801458	EBC103431	30%	55%	54.9%
SAU801458	EFA200235	25%	98.7%	96.1%
SAU801458	EFM201493	23%	98.9%	94.3%
SAU801458	ECO204536	26%	45.8%	48.4%
SAU801458	HIN101663	23%	93.4%	95.8%
SAU801458	HPY100417	25%	30.3%	28.8%
SAU801458	KPN301575	27%	51.8%	53.1%
SAU801458	LPN100676	23%	95.8%	97.2%
SAU801458	LMO101281	25%	88.4%	81.3%
SAU801458	MAV103221	23%	69.5%	72.1%
SAU801458	MBV102473	23%	70%	68.7%
SAU801458	MLP100543	22%	69.7%	71.1%
SAU801458	MTU202154	23%	70%	68.7%
SAU801458	NGO100979	26%	48.2%	53.3%
SAU801458	NME200972	26%	47.1%	77.8%
SAU801458	PRT105053	27%	51.6%	52.5%
SAU801458	PAE200841	25%	50%	46.3%
SAU801458	PPU103947	27%	52.9%	50.3%
SAU801458	PSY100988	28%	46.6%	47.3%
SAU801458	SPA104080	28%	41.8%	44.9%
SAU801458	STY104620	28%	41.8%	44.9%
SAU801458	STM101647	22%	92.1%	93.9%
SAU801458	SAU801458	100%	100%	100%
SAU801458	SEP200432	80%	98.2%	98.2%
SAU801458	SHA101761	84%	98.2%	99.2%
SAU801458	SMU101081	23%	99.5%	87.4%
SAU801458	SPN400982	23%	98.4%	87.1%
SAU801458	SPY200370	24%	98.9%	86.9%
SAU801458	VCH100256	26%	75.8%	68.0%
SAU801466	ABA105177	32%	94.8%	93.9%
SAU801466	BAN111428	54%	88.7%	94.0%
SAU801466	BAN105811	58%	94.3%	98.4%
SAU801466	BAN110054	61%	97.4%	97.4%
SAU801466	BAN102027	62%	100%	100%
SAU801466	BFR11345	34%	92.0%	94.1%
SAU801466	BPT101881	33%	92.5%	94.1%
SAU801466	BCE109344	32%	96.6%	94.1%
SAU801466	BFU105028	34%	90.5%	88.5%
SAU801466	BMA108307	31%	97.2%	95.1%
SAU801466	CJU101540	33%	95.1%	95.0%
SAU801466	CPN200800	28%	93.0%	95.3%
SAU801466	CTR200637	32%	92.8%	95.0%
SAU801466	CAC102325	32%	90.7%	94.9%
SAU801466	CBO102194	45%	97.9%	95.9%
SAU801466	CDF101103	32%	90.7%	93.9%
SAU801466	CDP100371	40%	97.7%	96.0%
SAU801466	EBC103288	34%	97.7%	95.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801466	EFA201862	57%	100%	100%
SAU801466	EFM101478	55%	98.5%	98.5%
SAU801466	ECO102287	33%	94.8%	94.5%
SAU801466	HIN100186	36%	93.3%	95.2%
SAU801466	HPY100655	33%	96.6%	96.4%
SAU801466	KPN302822	33%	94.8%	94.5%
SAU801466	LPN100018	33%	90.5%	92.0%
SAU801466	LMO100937	56%	100%	100%
SAU801466	MCA100479	33%	94.1%	91.8%
SAU801466	MAV101894	41%	99.7%	96.5%
SAU801466	MBV101353	41%	97.7%	92.7%
SAU801466	MLP100313	42%	97.7%	93.9%
SAU801466	MTU202503	41%	97.7%	95.3%
SAU801466	NGO100523	34%	94.1%	92.3%
SAU801466	NME201788	34%	94.1%	92.3%
SAU801466	PMU100359	33%	94.1%	96.1%
SAU801466	PRT105081	34%	93.8%	93.4%
SAU801466	PAE201680	32%	94.1%	92.8%
SAU801466	PPU102947	31%	97.4%	96.4%
SAU801466	PSY104698	32%	94.1%	92.8%
SAU801466	SPA101187	34%	88.9%	90.4%
SAU801466	STY101051	33%	94.8%	94.5%
SAU801466	SAU801466	100%	100%	100%
SAU801466	SEP200448	86%	100%	100%
SAU801466	SHA101753	86%	100%	100%
SAU801466	SMU100093	56%	100%	100%
SAU801466	SPN401231	57%	98.5%	98.5%
SAU801466	SPY200602	50%	100%	100%
SAU801466	VCH102083	35%	94.8%	94.5%
SAU801466	YPS002330	33%	93.8%	93.4%
SAU801470	ABA104632	32%	94.0%	92%
SAU801470	BAN109070	32%	97.2%	96.0%
SAU801470	BAN113356	44%	97.8%	96.6%
SAU801470	BFR101349	30%	96.9%	95.4%
SAU801470	BPT102476	27%	94.0%	93.1%
SAU801470	BBU100313	27%	90.0%	85.9%
SAU801470	BCE111505	28%	98.4%	94.6%
SAU801470	BFU108244	30%	97.5%	93.9%
SAU801470	BMA107188	28%	97.2%	100%
SAU801470	CJU100503	30%	83.1%	87.2%
SAU801470	CDP100844	31%	97.2%	94.8%
SAU801470	EBC100486	29%	86.2%	99.3%
SAU801470	EFA201824	35%	94.7%	93.3%
SAU801470	EFM100877	33%	96.2%	93.9%
SAU801470	ECO103117	28%	93.4%	92.3%
SAU801470	HIN100861	29%	97.2%	94.2%
SAU801470	HPY100236	27%	90.0%	92.2%
SAU801470	KPN301067	29%	92.8%	97.0%
SAU801470	LMO100122	40%	98.4%	97.2%
SAU801470	MAV102273	32%	96.9%	90.1%
SAU801470	MBV101462	30%	96.9%	92.2%
SAU801470	MLP101355	29%	98.1%	94.8%
SAU801470	MTU200559	30%	96.9%	92.2%
SAU801470	NGO101628	31%	96.9%	95.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801470	NME201998	31%	96.9%	95.1%
SAU801470	PMU100346	29%	95.6%	92.4%
SAU801470	PRT103357	28%	90.9%	90.4%
SAU801470	PAE204567	28%	94.0%	92.9%
SAU801470	PPU109792	27%	95.6%	94.4%
SAU801470	PSY102709	26%	95.6%	94.4%
SAU801470	SPA100483	28%	53.6%	93.5%
SAU801470	STY101489	29%	93.4%	92.3%
SAU801470	STM101744	29%	93.4%	92.3%
SAU801470	SAU801470	100%	100%	100%
SAU801470	SEP200452	76%	99.7%	99.7%
SAU801470	SHA101414	73%	99.7%	100%
SAU801470	TPA100675	24%	86.8%	83.2%
SAU801470	VCH100429	30%	97.5%	89.4%
SAU801470	YPS002150	30%	85.9%	84.8%
SAU801471	ABA102453	44%	95.9%	73.7%
SAU801471	BAN101221	53%	93.4%	98.7%
SAU801471	BAN110701	64%	95.0%	97.5%
SAU801471	BFR100912	35%	93.4%	92.7%
SAU801471	BPT101405	39%	95.4%	88.4%
SAU801471	BCE105003	42%	93.4%	92.6%
SAU801471	BFU111004	38%	95.9%	95.1%
SAU801471	BMA103315	42%	93.4%	92.6%
SAU801471	CJU100293	33%	93.8%	98.3%
SAU801471	CPN200235	32%	94.6%	94.9%
SAU801471	CTR200702	29%	93.4%	92.9%
SAU801471	CAC101072	33%	55.6%	61.8%
SAU801471	CBO102321	27%	72.2%	73.5%
SAU801471	CDP100838	38%	92.5%	90.7%
SAU801471	EBC103973	42%	95.0%	92.8%
SAU801471	ECO103745	41%	93.4%	90.8%
SAU801471	HPY101462	35%	85.5%	88.2%
SAU801471	KPN303531	41%	93.4%	90.8%
SAU801471	LPN103135	38%	95.9%	93.6%
SAU801471	LMO101474	59%	96.3%	98.7%
SAU801471	MCA101080	42%	96.3%	82.8%
SAU801471	MAV102270	34%	96.3%	97.4%
SAU801471	MBV101071	36%	94.6%	94.0%
SAU801471	MLP101352	34%	91.3%	89.1%
SAU801471	MTU200555	36%	94.6%	94.0%
SAU801471	NGO101981	38%	95.9%	93.5%
SAU801471	NME200879	39%	95.9%	93.5%
SAU801471	PMU101686	41%	93.8%	85.4%
SAU801471	PRT102944	40%	95.9%	93.2%
SAU801471	PAE205058	42%	93.4%	89.1%
SAU801471	PPU109250	40%	93.4%	89.1%
SAU801471	PSY103601	42%	93.4%	89.1%
SAU801471	SPA102812	39%	93.4%	90.8%
SAU801471	STY101995	39%	93.4%	90.8%
SAU801471	STM101124	39%	93.4%	90.8%
SAU801471	SAU801471	100%	100%	100%
SAU801471	SEP200454	82%	100%	100%
SAU801471	SHA101413	82%	99.2%	100%
SAU801471	VCH100083	41%	95.9%	89.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801471	YPS000639	42%	95.0%	92.8%
SAU801473	ABA103631	58%	98.9%	98.9%
SAU801473	BAN110875	80%	100%	100%
SAU801473	BFR100422	50%	100%	100%
SAU801473	BPT100124	53%	98.9%	98.9%
SAU801473	BBU100231	32%	98.9%	88.0%
SAU801473	BCE110670	63%	100%	100%
SAU801473	BFU100991	56%	98.9%	98.9%
SAU801473	BMA101790	53%	98.9%	96.7%
SAU801473	CJU100843	53%	98.9%	90.8%
SAU801473	CPN200333	26%	100%	91%
SAU801473	CTR200531	25%	100%	91%
SAU801473	CAC100114	58%	98.9%	97.8%
SAU801473	CBO102675	58%	98.9%	79.5%
SAU801473	CDF102299	58%	98.9%	97.8%
SAU801473	EBC102270	61%	98.9%	98.9%
SAU801473	EFA201883	78%	98.9%	97.8%
SAU801473	EFM100184	79%	98.9%	90.8%
SAU801473	ECO100432	61%	98.9%	98.9%
SAU801473	HIN100410	66%	100%	66.2%
SAU801473	HPY100822	39%	100%	96.8%
SAU801473	KPN302503	58%	100%	100%
SAU801473	LPN101041	37%	94.4%	95.5%
SAU801473	LMO100364	82%	98.9%	97.8%
SAU801473	MCA101444	57%	98.9%	98.9%
SAU801473	MAV101405	39%	98.9%	42.0%
SAU801473	MBV102079	39%	98.9%	41.6%
SAU801473	MLP101029	39%	98.9%	44.5%
SAU801473	MTU202948	39%	98.9%	41.6%
SAU801473	NGO100251	51%	98.9%	100%
SAU801473	NME201722	47%	98.9%	97.8%
SAU801473	NME201276	51%	98.9%	100%
SAU801473	PMU101732	67%	100%	100%
SAU801473	PRT101499	65%	98.9%	92.7%
SAU801473	PAE201803	62%	98.9%	98.9%
SAU801473	PPU111425	61%	98.9%	98.9%
SAU801473	PSY108978	58%	98.9%	98.9%
SAU801473	SPA102996	61%	98.9%	98.9%
SAU801473	STY100727	61%	98.9%	98.9%
SAU801473	STM100440	60%	98.9%	98.9%
SAU801473	SAU801473	100%	100%	100%
SAU801473	SEP200458	100%	100%	100%
SAU801473	SHA101411	96%	100%	100%
SAU801473	SMU100719	78%	98.9%	97.8%
SAU801473	SPN401020	75%	98.9%	97.8%
SAU801473	SPY201144	78%	98.9%	97.8%
SAU801473	TPA100248	34%	94.4%	81.0%
SAU801473	UUR100284	28%	96.7%	66.9%
SAU801473	VCH100270	58%	100%	100%
SAU801473	YPS001873	61%	98.9%	98.9%
SAU801475	ABA100688	42%	98.2%	91.3%
SAU801475	BAN111369	64%	99.8%	100%
SAU801475	BAN112079	75%	100%	100%
SAU801475	BFR10077	45%	28.7%	72.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801475	BPT100007	41%	98.2%	96.5%
SAU801475	BBU100507	33%	74.5%	32.3%
SAU801475	BCE100856	37%	99.1%	96.5%
SAU801475	BFU105505	38%	98.2%	96.9%
SAU801475	BMA102074	39%	98.2%	96.9%
SAU801475	CJU100354	34%	98.6%	97.6%
SAU801475	CPN201006	31%	70.9%	27.7%
SAU801475	CTR200076	33%	69.7%	26.3%
SAU801475	CAC100098	52%	99.8%	99.5%
SAU801475	CBO101866	52%	99.8%	99.3%
SAU801475	CDF102465	52%	100%	99.1%
SAU801475	CDP101065	40%	67.2%	21.6%
SAU801475	EBC102035	41%	99.3%	95.3%
SAU801475	EFA201884	68%	99.8%	99.8%
SAU801475	ECO102462	42%	97.9%	90.1%
SAU801475	HIN100129	38%	98.9%	93.1%
SAU801475	HPY100821	34%	99.5%	97.4%
SAU801475	KPN305977	40%	99.3%	95.3%
SAU801475	LPN101429	41%	97.9%	92.0%
SAU801475	LMO102523	73%	99.8%	99.8%
SAU801475	MCA101523	41%	98.2%	90.9%
SAU801475	MAV102019	40%	99.1%	92.1%
SAU801475	MBV105348	39%	99.1%	92.7%
SAU801475	MLP100852	38%	99.1%	92.9%
SAU801475	MTU201691	39%	99.1%	92.7%
SAU801475	MGE100337	43%	98.9%	97.3%
SAU801475	MPN100366	43%	9.4%	45.2%
SAU801475	NGO101003	40%	98.2%	88.0%
SAU801475	NME200978	40%	98.2%	88.0%
SAU801475	PMU100105	38%	100%	94.1%
SAU801475	PRT102921	40%	97.9%	92.5%
SAU801475	PAE203796	38%	97.9%	90.9%
SAU801475	PPU112339	39%	97.9%	91.0%
SAU801475	PSY106808	41%	68.6%	83.2%
SAU801475	PSY103809	38%	97.9%	90.3%
SAU801475	SPA102739	43%	97.9%	90.2%
SAU801475	STY101715	42%	97.9%	92.4%
SAU801475	SAU801475	100%	100%	100%
SAU801475	SEP200461	93%	100%	100%
SAU801475	SHA101409	93%	100%	100%
SAU801475	SMU101355	62%	99.8%	99.8%
SAU801475	SPN401552	66%	99.8%	99.8%
SAU801475	SPY200248	66%	99.8%	99.8%
SAU801475	TPA100681	32%	98.9%	94.6%
SAU801475	UUR100386	44%	98.9%	98.0%
SAU801475	VCH100750	41%	97.9%	92.3%
SAU801475	YPS003216	41%	40.1%	77.2%
SAU801476	ABA101621	29%	32.2%	89.8%
SAU801476	BAN106697	46%	99.7%	100%
SAU801476	BAN102603	48%	99.7%	99.7%
SAU801476	BFR12241	34%	89.8%	42.7%
SAU801476	BPT100197	34%	88.2%	89.1%
SAU801476	BBU100126	27%	88.0%	32.2%
SAU801476	BCE109984	36%	88.2%	86.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801476	BFU102076	36%	88.2%	88.9%
SAU801476	BMA105447	36%	88.2%	90%
SAU801476	CJU100824	29%	98.2%	96.6%
SAU801476	CPN200436	31%	93.4%	91.0%
SAU801476	CTR200367	31%	88.7%	79.3%
SAU801476	CAC100711	36%	41.4%	52.0%
SAU801476	CBO101243	40%	99.5%	97.4%
SAU801476	CDF100938	31%	98.5%	96.0%
SAU801476	CDP100313	40%	88.2%	32.2%
SAU801476	EBC100136	35%	89.0%	82.0%
SAU801476	EFA201885	49%	48.8%	92.6%
SAU801476	ECO100886	35%	99.7%	99.6%
SAU801476	HIN101192	33%	88.0%	77.6%
SAU801476	HPY100395	28%	87.7%	30.0%
SAU801476	KPN302625	35%	89.3%	96.7%
SAU801476	LPN102947	36%	98.7%	98.9%
SAU801476	LMO101312	51%	99.7%	99.0%
SAU801476	MCA101969	34%	96.2%	93.1%
SAU801476	MAV106579	39%	92.3%	74.6%
SAU801476	MBV101279	39%	92.3%	66.9%
SAU801476	MLP100855	39%	92.3%	74.4%
SAU801476	MTU201609	39%	92.3%	74.4%
SAU801476	NGO100236	34%	86.7%	75.1%
SAU801476	NME201375	34%	86.7%	74.9%
SAU801476	PMU100801	33%	89.0%	79.1%
SAU801476	PRT100600	35%	95.4%	96.8%
SAU801476	PAE203160	36%	94.4%	79.4%
SAU801476	PPU100844	34%	88.5%	76.7%
SAU801476	PSY103125	35%	91.8%	77.4%
SAU801476	SPA102059	34%	94.6%	96.5%
SAU801476	STY102913	35%	99.7%	99.6%
SAU801476	STM103301	35%	99.7%	99.6%
SAU801476	SAU801476	100%	100%	100%
SAU801476	SEP200462	87%	99.7%	99.7%
SAU801476	SHA101408	86%	99.7%	99.7%
SAU801476	SMU101029	42%	88.5%	65.7%
SAU801476	SPN400764	41%	87.7%	64%
SAU801476	SPY200684	42%	91.8%	90.0%
SAU801476	TPA100276	31%	92.6%	61.5%
SAU801476	VCH101885	34%	99.7%	99.6%
SAU801476	YPS001263	35%	88.2%	92.1%
SAU801481	BPT103701	20%	53.9%	77.1%
SAU801481	BCE109402	18%	61.1%	71.8%
SAU801481	LMO100891	27%	9.7%	38.5%
SAU801481	MBV100591	29%	20.8%	45.4%
SAU801481	MTU202815	26%	20.2%	17.4%
SAU801481	MTU202128	26%	24.1%	21.1%
SAU801481	MTU201308	27%	20.0%	18.4%
SAU801481	MTU200968	28%	16.5%	8.5%
SAU801481	MTU201056	32%	18.5%	15.6%
SAU801481	MTU200278	31%	17.9%	10.2%
SAU801481	MTU203538	30%	19.1%	17.0%
SAU801481	MTU200529	30%	17.3%	13.3%
SAU801481	MTU201226	30%	19.1%	17.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801481	MTU203460	31%	17.9%	2.0%
SAU801481	MTU203301	32%	16.7%	18.6%
SAU801481	MTU200575	26%	23.7%	5.0%
SAU801481	PAE205178	31%	21.0%	64.4%
SAU801481	PPU110426	32%	21.0%	64.6%
SAU801481	PSY102383	26%	32.9%	68.6%
SAU801481	SAU801481	100%	100%	100%
SAU801481	SEP200466	41%	90.9%	19.1%
SAU801481	SHA102755	35%	88.9%	47.4%
SAU801484	BFU113561	28%	80.5%	78.9%
SAU801484	CAC101692	38%	76.8%	91.9%
SAU801484	CBO102099	38%	76.8%	89.4%
SAU801484	CDF102732	38%	76.8%	91.9%
SAU801484	CDP100996	26%	82.9%	56.2%
SAU801484	EFA201899	39%	74.4%	84.7%
SAU801484	EFM102447	34%	76.8%	86.3%
SAU801484	LMO101364	59%	87.8%	97.3%
SAU801484	MAV104191	37%	80.5%	76.9%
SAU801484	MBV100688	39%	70.7%	82.5%
SAU801484	MTU203456	39%	70.7%	82.5%
SAU801484	SAU801484	100%	100%	100%
SAU801484	SEP200469	93%	100%	100%
SAU801484	SHA100251	93%	100%	100%
SAU801484	SMU100898	28%	73.2%	87.5%
SAU801484	SPN401457	33%	79.3%	66.3%
SAU801484	SPY200593	28%	73.2%	87.7%
SAU801487	CAC101789	24%	48.7%	72.4%
SAU801487	CAC103687	25%	29.5%	20.0%
SAU801487	EFA203098	21%	29.5%	83.6%
SAU801487	KPN302263	22%	41.9%	46.0%
SAU801487	LPN100452	24%	38.6%	17.1%
SAU801487	SAU801490	83%	91.3%	94.4%
SAU801487	SAU801488	69%	98.0%	97.0%
SAU801487	SAU801487	100%	100%	100%
SAU801487	SEP201760	55%	90.3%	87.2%
SAU801489	BFR101222	29%	7.6%	21.7%
SAU801489	CBO101974	25%	18.5%	50.9%
SAU801489	ECO101555	27%	10.4%	30.6%
SAU801489	HPY101333	25%	20.4%	44.5%
SAU801489	LPN100915	23%	17.8%	21.3%
SAU801489	PRT105801	27%	21.9%	64.6%
SAU801489	SAU801489	100%	100%	100%
SAU801489	SEP204035	51%	6.2%	78.6%
SAU801489	YPS001066	19%	32.4%	48.8%
SAU801490	CAC101789	24%	47.6%	76.6%
SAU801490	LPN100452	24%	39.9%	17.1%
SAU801490	PPU112163	22%	85.8%	29.3%
SAU801490	SAU801487	83%	94.4%	91.3%
SAU801490	SAU801488	63%	95.8%	91.7%
SAU801490	SAU801486	56%	100%	91.8%
SAU801490	SAU801490	100%	100%	100%
SAU801490	SEP201760	51%	97.9%	91.4%
SAU801490	YPS002035	27%	34.7%	28.3%
SAU801491	BAN101808	29%	66.7%	96.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801491	BAN110636	34%	97.6%	98.6%
SAU801491	BFR104661	27%	68.2%	88.3%
SAU801491	BBU100419	30%	43.5%	17.7%
SAU801491	CBO100338	28%	96.9%	98.8%
SAU801491	LMO102271	33%	97.8%	98.8%
SAU801491	MGE100286	23%	26.9%	62.9%
SAU801491	STY104177	31%	19.0%	0.6%
SAU801491	STM103913	32%	19.0%	0.6%
SAU801491	SAU801491	100%	100%	100%
SAU801491	SEP200477	71%	98.8%	99.2%
SAU801491	SHA100281	68%	99.1%	99.8%
SAU801491	TPA100359	51%	6.3%	4.6%
SAU801493	ABA100571	36%	85.3%	69.1%
SAU801493	BAN106396	52%	94.3%	100%
SAU801493	BAN112374	58%	96.7%	97.9%
SAU801493	BFR101094	42%	94.7%	49.4%
SAU801493	BPT105047	36%	91.0%	38.5%
SAU801493	BCE101547	38%	63.3%	57.0%
SAU801493	BFU100864	35%	94.3%	65%
SAU801493	BMA103043	36%	93.5%	41.9%
SAU801493	CJU101613	30%	94.7%	95.7%
SAU801493	CAC103000	45%	95.9%	99.2%
SAU801493	CBO100831	45%	93.5%	96.6%
SAU801493	CDF103251	44%	95.5%	99.2%
SAU801493	CDP101061	39%	93.1%	72.0%
SAU801493	EBC103840	34%	96.7%	79.7%
SAU801493	EFA201902	52%	97.1%	100%
SAU801493	ECO103916	34%	96.7%	79.7%
SAU801493	HIN101172	34%	96.7%	68.1%
SAU801493	HPY101438	30%	92.7%	91.2%
SAU801493	KPN302620	34%	96.7%	79.4%
SAU801493	LPN101167	38%	93.5%	94.0%
SAU801493	LMO102115	58%	98.4%	98.8%
SAU801493	MCA100956	36%	85.3%	64.6%
SAU801493	MAV102015	42%	93.1%	93.5%
SAU801493	MBV105381	38%	93.1%	90.9%
SAU801493	MLP100850	39%	93.5%	90.3%
SAU801493	MTU201689	38%	93.1%	90.9%
SAU801493	NGO101107	38%	94.3%	67.1%
SAU801493	NME201432	37%	97.6%	94.9%
SAU801493	PMU100661	35%	88.2%	64.1%
SAU801493	PRT101163	34%	93.1%	76.0%
SAU801493	PAE203177	33%	94.7%	61.4%
SAU801493	PPU100429	35%	94.7%	66.8%
SAU801493	PSY103194	34%	94.7%	58.1%
SAU801493	SPA102160	36%	85.7%	89.2%
SAU801493	STY103030	34%	96.7%	83.5%
SAU801493	STM102148	32%	95.5%	78.9%
SAU801493	SAU801493	100%	100%	100%
SAU801493	SEP200481	84%	100%	100%
SAU801493	SHA100025	86%	41.2%	100%
SAU801493	SMU100469	51%	95.9%	97.9%
SAU801493	SPN401687	49%	95.9%	97.9%
SAU801493	SPY200268	47%	97.6%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801493	TPA100455	29%	93.1%	92.0%
SAU801493	VCH101160	35%	96.7%	75.4%
SAU801493	YPS000890	35%	96.7%	76.4%
SAU801500	BAN111913	47%	89.7%	89.5%
SAU801500	BAN102220	49%	90.4%	90.1%
SAU801500	CDF102758	24%	85.8%	67.8%
SAU801500	NGO101868	30%	22.5%	45.4%
SAU801500	NME200254	28%	30.1%	77.0%
SAU801500	SAU801500	100%	100%	100%
SAU801500	SEP200495	77%	99.7%	99.7%
SAU801500	SHA101159	78%	99.7%	99.7%
SAU801505	BAN108522	24%	14.0%	92.4%
SAU801505	BAN109710	38%	34.6%	96.2%
SAU801505	BAN100420	36%	97.2%	100%
SAU801505	BAN107027	45%	97.0%	97.6%
SAU801505	BFR106011	42%	97.0%	96.0%
SAU801505	BBU100635	41%	97.6%	97.9%
SAU801505	BCE103506	40%	98.0%	97.4%
SAU801505	BFU110875	40%	98.6%	92.7%
SAU801505	BMA104058	38%	97.0%	97.5%
SAU801505	CPN200514	40%	97.4%	95.7%
SAU801505	CTR200450	41%	97.4%	96.4%
SAU801505	CDP100263	35%	96.8%	99.4%
SAU801505	EBC101990	37%	97.2%	97.4%
SAU801505	EFA202157	51%	97.0%	95.7%
SAU801505	EFM200783	52%	97.0%	95.5%
SAU801505	ECO101820	37%	97.2%	97.4%
SAU801505	HIN100537	40%	96.8%	96.4%
SAU801505	HPY101084	33%	92.9%	95.5%
SAU801505	KPN301980	37%	97.2%	97.4%
SAU801505	LPN101375	36%	97.8%	97.2%
SAU801505	LMO101587	58%	97.2%	97.6%
SAU801505	MAV100342	37%	97.4%	93.4%
SAU801505	MBV100250	37%	97.4%	94.2%
SAU801505	MTU201428	37%	97.4%	94.2%
SAU801505	NGO101240	40%	97.4%	98.1%
SAU801505	NME201469	39%	97.4%	98.1%
SAU801505	PMU101549	40%	96.8%	96.0%
SAU801505	PRT102542	39%	97.2%	97.4%
SAU801505	PAE205434	38%	99.0%	99.6%
SAU801505	PPU102310	40%	97.6%	99.2%
SAU801505	PSY105445	40%	97.8%	96.3%
SAU801505	SPA101656	44%	50.6%	83.5%
SAU801505	STY102250	37%	97.2%	97.4%
SAU801505	SAU801505	100%	100%	100%
SAU801505	SEP200503	89%	99.8%	99.8%
SAU801505	SHA101154	85%	65.6%	100%
SAU801505	SPN401121	44%	97.0%	96.0%
SAU801505	TPA100474	39%	97.4%	94.8%
SAU801505	VCH103615	44%	96.8%	95.2%
SAU801505	YPS003483	38%	99.0%	98.6%
SAU801507	BAN108822	57%	99.3%	99.6%
SAU801507	BAN110449	62%	100%	94.5%
SAU801507	BFR12473	25%	67.4%	62.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801507	BPT104697	28%	91.6%	87.1%
SAU801507	BFU109800	29%	94.0%	43.2%
SAU801507	BMA108112	30%	94.0%	44.1%
SAU801507	CBO101845	58%	98.9%	98.9%
SAU801507	CDP101743	32%	90.5%	88.5%
SAU801507	EFA202421	48%	99.1%	99.6%
SAU801507	EFM200113	48%	99.6%	99.1%
SAU801507	HIN101324	20%	66.8%	58.0%
SAU801507	LPN102297	30%	10.2%	6.7%
SAU801507	MAV101648	30%	91.6%	83.4%
SAU801507	MBV103520	30%	91.6%	82.0%
SAU801507	MTU404234	30%	91.6%	90.3%
SAU801507	PMU100542	22%	38.3%	31.1%
SAU801507	PAE202150	30%	94.2%	46.2%
SAU801507	PPU100890	30%	91.6%	44.7%
SAU801507	PSY102525	31%	94.4%	47.0%
SAU801507	SAU801507	100%	100%	100%
SAU801507	SEP200506	77%	99.8%	100%
SAU801507	SHA100419	79%	83.1%	100%
SAU801507	SMU100841	44%	100%	100%
SAU801507	SPN400310	43%	99.8%	99.8%
SAU801507	SPY201517	44%	99.8%	99.6%
SAU801508	BAN105249	39%	59.9%	59.9%
SAU801508	BAN103335	36%	98.8%	97.1%
SAU801508	CAC101861	29%	98.5%	94.5%
SAU801508	CBO101579	30%	98.8%	98.8%
SAU801508	EBC102003	28%	94.1%	97.8%
SAU801508	EFA202242	30%	95.9%	95.2%
SAU801508	EFM200454	28%	99.4%	98.2%
SAU801508	ECO101291	28%	92.9%	94.6%
SAU801508	LMO101532	28%	99.4%	98.2%
SAU801508	SAU801508	100%	100%	100%
SAU801508	SHA100288	41%	94.1%	99.7%
SAU801508	SMU101053	31%	99.7%	98.5%
SAU801508	SPN401919	34%	79.6%	81.7%
SAU801508	SPY200996	32%	99.7%	98.8%
SAU801511	ABA106023	23%	42.3%	63.5%
SAU801511	BAN111119	61%	11.5%	84.4%
SAU801511	BAN105234	53%	84.6%	97.8%
SAU801511	BAN113086	64%	98.9%	99.1%
SAU801511	BFR101518	51%	98.5%	95.5%
SAU801511	BPT101882	25%	44.0%	66.9%
SAU801511	BBU100560	49%	98.5%	99.4%
SAU801511	BCE101525	65%	98.9%	99.1%
SAU801511	BFU110445	62%	98.9%	99.1%
SAU801511	BMA101484	63%	99.4%	99.4%
SAU801511	CPN200393	47%	99.6%	98.1%
SAU801511	CTR200328	47%	98.7%	97.3%
SAU801511	CAC103227	24%	51.5%	77.7%
SAU801511	CDF100221	24%	47.2%	69.4%
SAU801511	CDP101096	52%	98.7%	96.5%
SAU801511	EBC100628	66%	60.0%	100%
SAU801511	EFA202110	67%	99.6%	99.2%
SAU801511	EFM201302	32%	96.6%	99%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801511	ECO101988	66%	99.4%	99.4%
SAU801511	HIN100532	56%	98.5%	95.9%
SAU801511	HPY200581	21%	45.5%	69.8%
SAU801511	KPN300636	66%	98.3%	100%
SAU801511	LPN102651	26%	43.2%	64.4%
SAU801511	LMO100124	64%	98.9%	98.3%
SAU801511	MAV102693	49%	99.1%	95.5%
SAU801511	MBV102034	50%	93.2%	99.5%
SAU801511	MLP101249	50%	99.4%	96.5%
SAU801511	MTU201811	51%	98.7%	95.9%
SAU801511	NGO102016	54%	99.4%	97.1%
SAU801511	NME200246	54%	99.4%	97.1%
SAU801511	PMU101554	56%	98.5%	95.9%
SAU801511	PRT100074	66%	54.9%	98.8%
SAU801511	PAE201575	25%	41.7%	64.6%
SAU801511	PPU102849	29%	96.4%	99.1%
SAU801511	PSY105462	31%	81.0%	98.5%
SAU801511	SPA105071	66%	99.4%	99.4%
SAU801511	STY103509	66%	99.4%	99.4%
SAU801511	STM100645	21%	60.0%	89.7%
SAU801511	SAU801511	100%	100%	100%
SAU801511	SEP200507	89%	100%	100%
SAU801511	SHA102447	83%	100%	100%
SAU801511	SHA100561	91%	100%	98.7%
SAU801511	SPN400335	66%	98.9%	98.5%
SAU801511	SPY102341	66%	16.0%	97.4%
SAU801511	TPA100327	50%	99.4%	97.1%
SAU801511	VCH103617	55%	99.4%	97.1%
SAU801511	YPS002961	68%	99.1%	99.1%
SAU801513	BAN108627	35%	95.1%	96.9%
SAU801513	BAN111615	36%	95.1%	96.6%
SAU801513	BFR11644	24%	43.6%	36.4%
SAU801513	CAC100965	31%	94.5%	96.9%
SAU801513	CBO101390	31%	94.5%	93.7%
SAU801513	CDF101701	20%	91.7%	92.3%
SAU801513	EFA202281	30%	96.3%	99.1%
SAU801513	EFM101954	28%	50%	85.9%
SAU801513	LMO100864	27%	94.8%	95.1%
SAU801513	MBV104087	21%	40.5%	39.2%
SAU801513	MTU202534	21%	40.5%	39.2%
SAU801513	PAE203357	21%	42.3%	43.5%
SAU801513	PPU111785	22%	26.4%	51.7%
SAU801513	SAU801513	100%	100%	100%
SAU801513	SEP200509	76%	99.7%	100%
SAU801513	SHA100407	70%	99.7%	100%
SAU801513	SPN401597	26%	94.5%	97.5%
SAU801513	SPY200963	24%	93.6%	96.2%
SAU801514	BAN109993	70%	97.9%	98.6%
SAU801514	SAU801514	100%	100%	100%
SAU801514	SEP200880	87%	100%	100%
SAU801514	SHA100406	88%	100%	100%
SAU801515	BAN113643	43%	99.5%	98.9%
SAU801515	BAN110237	52%	99.5%	98.9%
SAU801515	BFR11470	36%	97.9%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801515	CPN200222	32%	98.3%	99.0%
SAU801515	CTR200670	30%	98.3%	93.9%
SAU801515	CDF100259	33%	69.6%	84.8%
SAU801515	CDP100400	39%	17.2%	22.2%
SAU801515	EFA201273	48%	99.8%	99.1%
SAU801515	LMO102719	56%	99.8%	99.0%
SAU801515	MBV104450	33%	46.9%	12.1%
SAU801515	MTU202181	33%	46.9%	12.1%
SAU801515	MGE100278	33%	97.6%	97.4%
SAU801515	SAU801515	100%	100%	100%
SAU801515	SEP200881	68%	100%	100%
SAU801515	SHA100405	70%	100%	100%
SAU801516	ABA101027	41%	99.7%	99.7%
SAU801516	BAN105255	43%	85.0%	90.3%
SAU801516	BAN110745	69%	100%	100%
SAU801516	BFR11469	41%	98.2%	47.0%
SAU801516	BFU108548	43%	96.3%	96.4%
SAU801516	CPN200731	43%	97.9%	47.8%
SAU801516	CTR200608	43%	97.9%	47.8%
SAU801516	CBO101881	46%	99.1%	99.7%
SAU801516	CDF100258	44%	93.9%	97.8%
SAU801516	EFA201271	56%	100%	49.6%
SAU801516	ECO100412	25%	75.2%	36.9%
SAU801516	KPN304382	26%	74.9%	75.2%
SAU801516	LMO101318	65%	100%	100%
SAU801516	MAV101952	41%	96.3%	93.2%
SAU801516	PRT104897	25%	74.3%	36.2%
SAU801516	PAE202246	43%	91.1%	88.9%
SAU801516	PSY101642	26%	70.9%	71.9%
SAU801516	SPA102152	22%	70.0%	72.5%
SAU801516	STY100985	23%	70.0%	69.4%
SAU801516	SAU801516	100%	100%	100%
SAU801516	SEP200882	89%	100%	100%
SAU801516	SHA100929	87%	75.8%	96.9%
SAU801516	SMU100292	40%	99.1%	98.0%
SAU801516	SPN401050	45%	97.9%	97.0%
SAU801516	SPY200776	44%	95.1%	94.9%
SAU801516	TPA100815	24%	73.1%	36.7%
SAU801516	VCH100873	24%	74.0%	36.7%
SAU801516	YPS003520	25%	75.2%	74.5%
SAU801517	ABA101029	33%	95.8%	98.4%
SAU801517	BAN100062	46%	97.9%	99.1%
SAU801517	BAN105443	55%	97.9%	97.6%
SAU801517	BFU114632	32%	96.7%	97.9%
SAU801517	CJU100290	23%	49.7%	33.8%
SAU801517	EFA103865	45%	96.1%	97.9%
SAU801517	LMO102895	55%	97.6%	97.9%
SAU801517	PPU103038	33%	95.8%	97.5%
SAU801517	SAU801517	100%	100%	100%
SAU801517	SEP200883	81%	99.1%	98.5%
SAU801517	SHA100928	82%	99.7%	99.1%
SAU801517	SPN401051	31%	96.4%	99.1%
SAU801518	BAN105760	32%	88.4%	93.5%
SAU801518	BAN100264	48%	99.2%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801518	BFR11786	32%	96.6%	99.3%
SAU801518	BFR10034	32%	96.6%	98.9%
SAU801518	EFA201252	48%	99.2%	99.4%
SAU801518	LMO100523	46%	99.2%	99.4%
SAU801518	SAU801518	100%	100%	100%
SAU801518	SEP200884	70%	100%	100%
SAU801518	SHA100927	70%	100%	95.0%
SAU801518	SMU101480	36%	99.8%	78.5%
SAU801518	SPY200778	35%	99.8%	77.9%
SAU801521	ABA101203	40%	89.4%	87.8%
SAU801521	BAN104007	40%	90.1%	98.9%
SAU801521	BAN101637	45%	95.9%	94.9%
SAU801521	BFR11516	38%	64.2%	65.5%
SAU801521	BPT101397	37%	91.5%	89.4%
SAU801521	BCE105992	38%	97.6%	97.3%
SAU801521	BFU102595	41%	89.4%	88.7%
SAU801521	BMA106450	38%	91.5%	90.8%
SAU801521	CJU101550	42%	76.1%	78.6%
SAU801521	CPN201106	34%	66.9%	70.2%
SAU801521	CTR200905	32%	84.0%	83.2%
SAU801521	CAC100312	44%	97.6%	99.0%
SAU801521	CBO103178	44%	92.8%	91.8%
SAU801521	CDF101808	50%	76.8%	76.9%
SAU801521	EBC103067	42%	90.8%	90.3%
SAU801521	EFA202196	49%	87.7%	88.7%
SAU801521	EFM100682	48%	81.2%	89.8%
SAU801521	ECO100413	42%	90.8%	90.3%
SAU801521	HIN101407	43%	87.4%	87.5%
SAU801521	HPY100913	35%	83.3%	80.9%
SAU801521	KPN303447	42%	90.8%	90.3%
SAU801521	LPN101272	41%	82.3%	83.3%
SAU801521	LMO102568	52%	97.6%	95.9%
SAU801521	MCA102758	38%	94.5%	81.9%
SAU801521	MAV101215	32%	71.0%	53.0%
SAU801521	MBV101130	34%	70.0%	64.7%
SAU801521	MTU203338	34%	70.0%	57.1%
SAU801521	NGO100628	41%	86.0%	83.6%
SAU801521	NME202061	41%	86.0%	83.6%
SAU801521	PMU100533	40%	96.9%	96.3%
SAU801521	PRT101971	40%	96.2%	92.5%
SAU801521	PAE204040	41%	88.7%	88.5%
SAU801521	PPU108239	39%	90.8%	90.5%
SAU801521	PSY102175	40%	90.8%	90.5%
SAU801521	SPA103652	36%	90.8%	90.3%
SAU801521	STY100443	42%	90.8%	90.3%
SAU801521	SAU801521	100%	100%	100%
SAU801521	SEP200890	68%	100%	100%
SAU801521	SHA100008	69%	100%	100%
SAU801521	SMU100705	44%	95.9%	97.9%
SAU801521	SPN401086	45%	88.4%	89.7%
SAU801521	SPY201152	47%	89.1%	90.3%
SAU801521	VCH100874	44%	92.2%	92.5%
SAU801521	YPS001917	41%	91.1%	88.6%
SAU801523	ABA105166	23%	98.9%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801523	BAN107094	37%	96.6%	98.2%
SAU801523	BAN107312	41%	98.2%	97.1%
SAU801523	BFR10436	22%	98.2%	99.8%
SAU801523	BCE105570	35%	36.0%	87.3%
SAU801523	BFU106862	32%	97.8%	94.1%
SAU801523	BMA103262	32%	98.2%	85.1%
SAU801523	CJU100294	35%	74.4%	85.8%
SAU801523	CPN200772	35%	97.8%	97.5%
SAU801523	CTR200597	32%	99.1%	98.1%
SAU801523	CAC102940	37%	98.2%	98.7%
SAU801523	CBO103748	39%	84.5%	95.0%
SAU801523	CDF101807	35%	98.0%	97.5%
SAU801523	CDP100939	28%	91.5%	90.1%
SAU801523	EBC102031	36%	98.0%	95.4%
SAU801523	EFA202200	42%	99.3%	98.7%
SAU801523	EFM100680	42%	98.4%	98.4%
SAU801523	ECO102460	35%	98.0%	95.6%
SAU801523	HIN100377	37%	92.4%	94.1%
SAU801523	HPY100965	42%	17.3%	63.6%
SAU801523	HPY100255	34%	98.4%	99.0%
SAU801523	KPN304083	35%	97.8%	94.0%
SAU801523	LPN102596	32%	98.2%	98.2%
SAU801523	LMO100760	39%	97.8%	96.9%
SAU801523	MCA102830	23%	98.9%	87.8%
SAU801523	MAV100804	28%	92.6%	90.4%
SAU801523	MBV104380	28%	81.6%	79.3%
SAU801523	MLP101180	29%	92.6%	88.6%
SAU801523	MTU201093	28%	81.6%	79.3%
SAU801523	NGO101103	34%	99.1%	98.6%
SAU801523	NME201434	34%	99.8%	97.6%
SAU801523	PMU100168	35%	99.1%	99.3%
SAU801523	PRT103272	34%	98.0%	94.4%
SAU801523	PAE203774	33%	92.4%	89.3%
SAU801523	PPU101396	36%	91.5%	88.5%
SAU801523	PSY103770	35%	92.6%	88.8%
SAU801523	SPA100549	38%	76.9%	91.8%
SAU801523	STY101689	35%	98.7%	97.8%
SAU801523	STM101426	35%	98.7%	97.8%
SAU801523	SAU801523	100%	100%	100%
SAU801523	SEP200892	76%	100%	100%
SAU801523	SHA100991	72%	99.3%	99.3%
SAU801523	SMU100701	41%	99.1%	98.9%
SAU801523	SPN401088	42%	99.1%	98.7%
SAU801523	SPY201154	39%	99.8%	99.8%
SAU801523	VCH100753	34%	95.7%	95.5%
SAU801523	YPS003204	33%	98.7%	95.6%
SAU801526	ABA100122	49%	99.8%	98.0%
SAU801526	BAN102154	62%	97.6%	99.5%
SAU801526	BAN113444	66%	99.1%	99.3%
SAU801526	BFR11613	50%	98.4%	87.9%
SAU801526	BFR11898	53%	98.0%	87.5%
SAU801526	BPT100134	51%	98.2%	96.9%
SAU801526	BCE104481	53%	97.8%	96.5%
SAU801526	BFU115826	52%	97.8%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801526	BMA101045	52%	97.8%	96.5%
SAU801526	CJU101214	51%	98.4%	99.5%
SAU801526	CPN200575	56%	98.0%	97.1%
SAU801526	CTR200394	56%	98.2%	96.7%
SAU801526	CAC103617	60%	98.2%	98.9%
SAU801526	CBO103874	56%	98.0%	98.4%
SAU801526	CDF101399	55%	98.0%	97.4%
SAU801526	CDP100825	47%	95.1%	71.9%
SAU801526	EBC102634	49%	69.8%	99.0%
SAU801526	EFA200245	58%	99.3%	98.2%
SAU801526	EFM201807	58%	98.9%	97.2%
SAU801526	ECO103186	53%	98.2%	98.2%
SAU801526	HIN100951	54%	99.6%	99.8%
SAU801526	HPY100366	51%	98.4%	96.5%
SAU801526	KPN308876	52%	98.2%	98.2%
SAU801526	LPN102993	53%	98.2%	98.7%
SAU801526	LMO101165	68%	99.3%	98.7%
SAU801526	MCA102208	50%	98.0%	98.2%
SAU801526	MAV103606	49%	97.3%	61.9%
SAU801526	MBV101167	46%	98.0%	67.7%
SAU801526	MLP100439	47%	93.1%	69.9%
SAU801526	MTU202464	46%	98.0%	67.7%
SAU801526	MPN100138	21%	33.7%	47.6%
SAU801526	NGO101616	53%	98.0%	97.1%
SAU801526	NME200552	52%	98.0%	97.1%
SAU801526	PMU101091	54%	99.6%	99.8%
SAU801526	PRT100504	52%	98.2%	98.4%
SAU801526	PAE205431	54%	98.4%	93.6%
SAU801526	PPU102301	54%	98.4%	93.6%
SAU801526	PSY108097	51%	98.0%	98.4%
SAU801526	SPA101601	52%	98.2%	99.3%
SAU801526	STY101665	52%	98.2%	98.2%
SAU801526	STM102307	52%	98.2%	98.2%
SAU801526	SAU801526	100%	100%	100%
SAU801526	SEP200908	88%	99.6%	99.3%
SAU801526	SHA100988	88%	99.8%	99.8%
SAU801526	SMU100533	59%	96.9%	97.1%
SAU801526	SPN400385	56%	97.6%	96.9%
SAU801526	SPY201344	59%	97.6%	97.1%
SAU801526	VCH100291	54%	98.2%	98.7%
SAU801526	YPS003128	54%	98.2%	98.2%
SAU801529	SAU801529	100%	100%	100%
SAU801530	EFM102296	36%	26.2%	98.0%
SAU801530	LPN102745	26%	56.5%	28.1%
SAU801530	SAU801530	100%	100%	100%
SAU801530	SEP200922	73%	97.9%	53.0%
SAU801530	SHA100985	60%	97.9%	53.1%
SAU801530	SPN200817	50%	24.1%	76.7%
SAU801530	SPY100203	31%	34.6%	90.4%
SAU801537	ABA100533	28%	20.7%	29.6%
SAU801537	BAN111655	51%	88.7%	99.1%
SAU801537	BAN103769	52%	97.0%	96.7%
SAU801537	BFR10109	42%	97.2%	98.6%
SAU801537	BPT101499	38%	98.3%	96.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801537	BCE108544	37%	97.2%	96.0%
SAU801537	BFU101740	38%	97.8%	96.5%
SAU801537	BMA104071	39%	97.2%	96.0%
SAU801537	CBO100281	49%	97.8%	95.5%
SAU801537	EBC102214	41%	97.0%	96.4%
SAU801537	ECO102841	42%	97.0%	96.4%
SAU801537	HIN100446	29%	16.0%	20.7%
SAU801537	HPY100369	30%	23.7%	11.4%
SAU801537	KPN302317	42%	97.0%	96.4%
SAU801537	LPN102134	43%	96.7%	96.4%
SAU801537	LMO101246	51%	97.5%	97.2%
SAU801537	MCA103134	37%	97.0%	95.6%
SAU801537	MAV101181	38%	97.8%	96.5%
SAU801537	MBV103611	37%	97.2%	92.9%
SAU801537	MLP100525	36%	97.5%	96.2%
SAU801537	MTU202177	37%	97.2%	92.9%
SAU801537	NGO101406	40%	97.2%	95.9%
SAU801537	NME200699	39%	97.2%	95.4%
SAU801537	PRT102357	40%	97.0%	96.4%
SAU801537	PAE205210	40%	96.7%	96.1%
SAU801537	PPU102197	40%	97.0%	96.4%
SAU801537	PSY103024	42%	89.8%	90%
SAU801537	SPA100601	41%	80.4%	94.8%
SAU801537	STY104162	41%	97.0%	96.4%
SAU801537	SAU801537	100%	100%	100%
SAU801537	SEP200945	76%	100%	100%
SAU801537	SHA100726	78%	66.1%	100%
SAU801537	YPS000179	41%	97.0%	96.2%
SAU801552	BAN111435	27%	10.4%	98.6%
SAU801552	BAN111478	36%	61.2%	99.8%
SAU801552	BAN101568	36%	95.5%	97.6%
SAU801552	BAN101801	44%	68.0%	99.8%
SAU801552	BAN109554	36%	96.8%	96.5%
SAU801552	BAN100977	45%	84.9%	98.2%
SAU801552	BAN112527	41%	97.7%	97.1%
SAU801552	BAN109997	42%	99.1%	98.4%
SAU801552	EFA200268	37%	95.8%	95.9%
SAU801552	EFM202382	38%	94.5%	93.6%
SAU801552	LMO101809	40%	99.4%	96.0%
SAU801552	SAU801552	100%	100%	100%
SAU801552	SEP200968	84%	99.6%	98.6%
SAU801552	SHA101019	79%	99.1%	99.9%
SAU801552	SMU100731	33%	97.4%	98.3%
SAU801552	SPN401516	32%	95.9%	97.7%
SAU801552	SPY102094	27%	28.1%	100%
SAU801554	BAN103376	41%	94.9%	97.7%
SAU801554	BAN106361	45%	98.5%	98.5%
SAU801554	EFA200380	41%	97.8%	93.8%
SAU801554	LMO100045	51%	98.5%	95.7%
SAU801554	SAU801554	100%	100%	100%
SAU801554	SEP200986	85%	99.3%	97.1%
SAU801554	SHA101073	83%	99.3%	96.4%
SAU801557	BAN104029	74%	91.2%	98.5%
SAU801557	BAN112485	72%	99.3%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801557	BFR10491	33%	86.8%	92.4%
SAU801557	BFU108696	48%	13.2%	11.6%
SAU801557	CPN200013	32%	87.5%	89.1%
SAU801557	CTR200902	33%	87.5%	90.6%
SAU801557	CAC100742	27%	54.4%	57.4%
SAU801557	CBO101029	24%	77.4%	82.3%
SAU801557	CDF102470	40%	94.6%	97.1%
SAU801557	EBC100541	26%	33.8%	93.5%
SAU801557	EFA201039	70%	100%	99.7%
SAU801557	EFM200108	69%	97.6%	96.3%
SAU801557	ECO102118	32%	86.8%	90.9%
SAU801557	KPN302671	34%	86.8%	91.2%
SAU801557	LMO101207	71%	98.3%	98.0%
SAU801557	MAV102930	29%	61.1%	84.6%
SAU801557	MBV100817	31%	81.4%	86.9%
SAU801557	MLP101143	31%	81.4%	86.9%
SAU801557	MTU200667	31%	81.4%	86.9%
SAU801557	MGE100240	36%	94.6%	95.2%
SAU801557	MPN100508	41%	94.6%	96.9%
SAU801557	PRT103078	34%	86.8%	92.2%
SAU801557	SPA101840	33%	80.4%	85.5%
SAU801557	STY104295	33%	86.8%	90.9%
SAU801557	STM104044	33%	86.8%	90.9%
SAU801557	SAU801557	100%	100%	100%
SAU801557	SEP200992	86%	100%	100%
SAU801557	SHA101070	85%	100%	99.0%
SAU801557	UUR100308	44%	100%	98.0%
SAU801557	VCH102325	33%	87.2%	90.9%
SAU801557	YPS001104	32%	86.8%	90.9%
SAU801558	BAN101728	35%	95.5%	100%
SAU801558	BAN104506	45%	95.5%	98.6%
SAU801558	EFA202379	44%	98.4%	97.8%
SAU801558	EFM202075	45%	98.4%	99.3%
SAU801558	LMO101935	42%	96.0%	98.9%
SAU801558	SAU801558	100%	100%	100%
SAU801558	SEP200994	82%	99.6%	99.8%
SAU801558	SHA101069	81%	100%	100%
SAU801558	SMU101455	44%	98.7%	99.1%
SAU801558	SPN400670	43%	98.7%	99.1%
SAU801558	SPY201279	41%	98.7%	99.1%
SAU801558	UUR100589	34%	96.4%	96.8%
SAU801565	BAN102454	62%	99.1%	100%
SAU801565	BAN109844	74%	99.1%	99.3%
SAU801565	BFR10455	50%	97.8%	96.1%
SAU801565	BBU100370	49%	97.8%	96.4%
SAU801565	CAC103604	68%	99.4%	99.1%
SAU801565	CBO100196	69%	99.6%	99.1%
SAU801565	CDP100533	48%	98.5%	97.8%
SAU801565	MAV106180	50%	99.8%	92.5%
SAU801565	MBV102613	51%	99.8%	94.4%
SAU801565	MLP100499	48%	99.8%	98.7%
SAU801565	MTU202321	51%	99.8%	98.7%
SAU801565	MGE100255	42%	97.8%	98.0%
SAU801565	MPN100482	41%	98.1%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801565	SAU801565	100%	100%	100%
SAU801565	SEP201018	93%	100%	100%
SAU801565	SHA101653	92%	100%	100%
SAU801565	TPA100664	45%	98.9%	98.9%
SAU801565	UUR100498	52%	98.9%	96.6%
SAU801567	ABA104706	41%	98.0%	89.2%
SAU801567	BAN106100	53%	95.7%	99.7%
SAU801567	BAN104384	66%	98.7%	98.0%
SAU801567	BFR10151	44%	98.3%	99.7%
SAU801567	BPT102612	36%	97.7%	98.3%
SAU801567	BBU100659	37%	96.3%	99.0%
SAU801567	BCE103799	39%	98.0%	97.7%
SAU801567	BFU101300	38%	98.0%	97.7%
SAU801567	BMA106167	40%	98.0%	97.7%
SAU801567	CJU100617	33%	96.3%	97.9%
SAU801567	CAC100901	50%	97.0%	97.6%
SAU801567	CBO100020	51%	97.0%	98.0%
SAU801567	CDF104210	56%	97.0%	98.3%
SAU801567	CDP100545	39%	90.0%	100%
SAU801567	EBC102411	38%	80.9%	98.0%
SAU801567	EFA200395	63%	99.3%	99%
SAU801567	EFM200497	62%	99.7%	99.7%
SAU801567	ECO102517	39%	97.3%	97.0%
SAU801567	HIN100012	40%	97.3%	96.7%
SAU801567	HPY100512	32%	98.7%	98.0%
SAU801567	KPN303149	40%	99.3%	99.7%
SAU801567	LPN101153	39%	96.3%	97.6%
SAU801567	LMO100968	58%	98.3%	98.0%
SAU801567	MCA101618	40%	97.0%	91.2%
SAU801567	MAV106432	44%	98.3%	100%
SAU801567	MBV102618	43%	98.3%	97.1%
SAU801567	MLP100395	42%	98.3%	99.3%
SAU801567	MTU202328	43%	98.3%	100%
SAU801567	MPN100274	24%	90.0%	93.1%
SAU801567	NGO101005	38%	97.0%	89.8%
SAU801567	NME200824	38%	97.0%	94.8%
SAU801567	PMU100060	38%	97.3%	95.4%
SAU801567	PRT105132	39%	97.3%	96.7%
SAU801567	PAE200770	38%	97.0%	95.1%
SAU801567	PPU107911	39%	97.0%	96.7%
SAU801567	PSY102356	40%	98.0%	97.7%
SAU801567	SPA103313	39%	97.3%	97.0%
SAU801567	STY102109	39%	97.3%	97.0%
SAU801567	SAU801567	100%	100%	100%
SAU801567	SEP201022	94%	100%	100%
SAU801567	SHA101651	92%	100%	100%
SAU801567	SMU101127	61%	97.0%	97.3%
SAU801567	SPN400871	62%	97.7%	98.0%
SAU801567	SPY200342	60%	98.3%	99.0%
SAU801567	TPA100535	30%	97.0%	97.5%
SAU801567	UUR100496	34%	97.0%	96.4%
SAU801567	VCH102424	40%	97.3%	90.2%
SAU801567	YPS002232	38%	97.3%	96.4%
SAU801572	ECO101986	22%	65.1%	43.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801572	SPA101417	27%	41.8%	43.4%
SAU801572	STY102068	27%	41.8%	43.9%
SAU801572	SAU801572	100%	100%	100%
SAU801572	SEP201028	46%	100%	100%
SAU801572	SHA101646	42%	100%	100%
SAU801580	ABA101828	59%	82.5%	100%
SAU801580	BAN105420	62%	40.5%	99.6%
SAU801580	BAN112806	79%	57.5%	100%
SAU801580	BAN101659	75%	99.5%	99.8%
SAU801580	BFR104209	60%	99.2%	100%
SAU801580	BPT102710	57%	99.5%	99.8%
SAU801580	BBU100517	61%	100%	100%
SAU801580	BCE103385	55%	99.5%	100%
SAU801580	BFU102634	55%	99.5%	100%
SAU801580	BMA105956	55%	96.1%	93.8%
SAU801580	CJU100698	57%	98.4%	99.7%
SAU801580	CPN200248	57%	99.7%	98.9%
SAU801580	CTR200665	58%	98.9%	97.9%
SAU801580	CAC101902	64%	99.8%	100%
SAU801580	CBO102574	64%	99.5%	99.8%
SAU801580	CDF100724	66%	99.5%	99.8%
SAU801580	CDP101465	60%	99.8%	99.3%
SAU801580	EBC103112	37%	95.6%	96.3%
SAU801580	EFA200573	77%	99.8%	100%
SAU801580	EFM201964	82%	8.5%	100%
SAU801580	ECO100014	55%	99.3%	99.7%
SAU801580	HIN101209	53%	99.5%	99.8%
SAU801580	HPY100107	55%	99.7%	98.9%
SAU801580	KPN301135	54%	94.9%	99.0%
SAU801580	LPN102089	55%	100%	100%
SAU801580	LMO100117	76%	100%	99.7%
SAU801580	MCA103113	55%	99.3%	99.8%
SAU801580	MAV101249	63%	76.2%	100%
SAU801580	MBV102185	58%	100%	99.7%
SAU801580	MLP101485	58%	100%	99.7%
SAU801580	MTU200349	58%	100%	99.7%
SAU801580	MGE100311	57%	95.2%	98.8%
SAU801580	MPN100407	56%	95.2%	98.8%
SAU801580	NGO101449	56%	99.8%	100%
SAU801580	NME200678	56%	99.8%	100%
SAU801580	PMU100736	57%	99.5%	99.8%
SAU801580	PRT105582	53%	100%	100%
SAU801580	PAE204757	56%	99.5%	99.8%
SAU801580	PPU100111	56%	100%	100%
SAU801580	PSY104756	55%	99.3%	99.7%
SAU801580	SPA100920	53%	99.3%	99.7%
SAU801580	STY100388	55%	99.3%	99.7%
SAU801580	STM100061	55%	99.3%	99.7%
SAU801580	SAU801580	100%	100%	100%
SAU801580	SEP201054	90%	100%	99.8%
SAU801580	SHA100529	91%	100%	99.8%
SAU801580	SMU101376	72%	99.7%	99.3%
SAU801580	SPN400455	74%	98.9%	99.8%
SAU801580	SPY201356	74%	98.9%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801580	TPA100214	58%	100%	100%
SAU801580	UUR100341	56%	98.4%	99.2%
SAU801580	VCH100839	55%	99.8%	100%
SAU801580	YPS000806	54%	99.3%	99.7%
SAU801593	BAN110580	35%	93.8%	96.8%
SAU801593	BAN111416	42%	93.8%	95.2%
SAU801593	CAC102263	43%	87.6%	89.4%
SAU801593	CBO100870	36%	92.3%	89%
SAU801593	CDF103337	40%	94.3%	96.3%
SAU801593	EFA200252	40%	88.7%	86.7%
SAU801593	EFM200106	37%	88.7%	87.2%
SAU801593	LMO100476	39%	88.1%	88.5%
SAU801593	MGE100245	32%	63.4%	41.4%
SAU801593	MPN100500	32%	65.5%	42.6%
SAU801593	SAU801593	100%	100%	100%
SAU801593	SEP201082	81%	100%	100%
SAU801593	SHA101365	79%	100%	100%
SAU801593	SMU101104	35%	94.8%	92.4%
SAU801593	SPN401589	36%	89.2%	86.8%
SAU801593	SPY200226	32%	92.8%	91.4%
SAU801593	TPA100732	32%	63.9%	68.1%
SAU801596	ABA104791	36%	92.5%	95.4%
SAU801596	BAN105708	35%	98.9%	98.9%
SAU801596	BAN100439	43%	98.9%	98.6%
SAU801596	BFR100940	32%	91.8%	98.4%
SAU801596	BPT102959	32%	98.5%	95.8%
SAU801596	BCE113860	30%	94.4%	93.3%
SAU801596	BFU107002	32%	92.9%	88.2%
SAU801596	BMA107935	33%	94.4%	93.3%
SAU801596	CJU100373	33%	98.9%	98.9%
SAU801596	CPN200802	29%	91.4%	49.5%
SAU801596	CTR200639	30%	91.0%	48.7%
SAU801596	CAC100326	28%	93.7%	68.1%
SAU801596	CBO101162	30%	90.7%	94.6%
SAU801596	CDF100361	32%	95.1%	94.8%
SAU801596	CDP100373	27%	98.9%	94.5%
SAU801596	EBC103139	29%	57.1%	87.6%
SAU801596	EFA201865	32%	95.9%	94.8%
SAU801596	ECO101660	31%	95.9%	95.8%
SAU801596	HIN100636	31%	98.5%	97.4%
SAU801596	HPY101232	34%	90.7%	90.5%
SAU801596	KPN301549	34%	95.1%	96.1%
SAU801596	LPN102392	32%	91.8%	92.5%
SAU801596	LMO101551	46%	99.3%	98.9%
SAU801596	MCA103619	32%	95.5%	98.5%
SAU801596	MAV103673	24%	95.5%	98.1%
SAU801596	MBV100973	25%	97.0%	96.6%
SAU801596	MLP100312	24%	97.0%	94.2%
SAU801596	MTU202515	25%	97.0%	96.3%
SAU801596	NGO100780	32%	94.4%	91.0%
SAU801596	NME201966	33%	94.4%	93.7%
SAU801596	PMU101271	32%	91.8%	93.3%
SAU801596	PRT105310	30%	94.8%	94.9%
SAU801596	PAE200243	27%	94.8%	93.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801596	PPU111361	30%	94.8%	94.3%
SAU801596	PSY102591	31%	94.4%	93.3%
SAU801596	SPA104338	34%	91.4%	91.5%
SAU801596	STY101862	34%	91.4%	91.5%
SAU801596	SAU801596	100%	100%	100%
SAU801596	SEP201086	71%	100%	99.6%
SAU801596	SHA101362	67%	99.6%	99.6%
SAU801596	SMU100089	33%	98.9%	96.5%
SAU801596	SPN401233	34%	92.5%	91.2%
SAU801596	SPY201222	34%	95.1%	93.8%
SAU801596	VCH100056	32%	91.8%	89.9%
SAU801596	YPS002545	35%	99.6%	97.8%
SAU801597	BAN105757	48%	99.5%	100%
SAU801597	BAN111582	52%	100%	100%
SAU801597	EFA200249	48%	100%	100%
SAU801597	EFM202278	48%	98.9%	99.5%
SAU801597	LMO102317	49%	100%	100%
SAU801597	SAU801597	100%	100%	100%
SAU801597	SEP201087	84%	100%	100%
SAU801597	SHA101361	83%	100%	100%
SAU801597	SMU101110	46%	98.9%	99.2%
SAU801597	SPN401592	48%	100%	100%
SAU801597	SPY200223	47%	98.9%	99.2%
SAU801597	UUR100473	29%	96.2%	95.8%
SAU801599	ABA100279	24%	84.6%	72.8%
SAU801599	BAN101650	46%	89.5%	88.9%
SAU801599	BAN108836	47%	99.6%	98.7%
SAU801599	BFR104094	28%	81.6%	87.2%
SAU801599	BPT102655	20%	68.0%	31.7%
SAU801599	BBU100587	35%	98.7%	89.1%
SAU801599	BBU100374	36%	98.7%	98.7%
SAU801599	BCE100924	30%	96.5%	90.2%
SAU801599	BFU109681	30%	96.5%	76.0%
SAU801599	BMA103603	29%	96.5%	90.8%
SAU801599	CJU100106	33%	99.6%	98.7%
SAU801599	CPN200522	22%	68.4%	60.6%
SAU801599	CAC100045	40%	99.6%	99.1%
SAU801599	CBO101197	40%	99.6%	99.1%
SAU801599	CDF101106	43%	96.9%	96.1%
SAU801599	CDP102826	24%	78.5%	83.7%
SAU801599	EBC102139	52%	98.7%	96.6%
SAU801599	EFA200856	47%	99.6%	98.7%
SAU801599	EFM202072	46%	99.6%	98.7%
SAU801599	ECO100159	54%	99.6%	97.8%
SAU801599	HIN101188	53%	99.6%	99.1%
SAU801599	HPY100087	36%	99.6%	98.3%
SAU801599	KPN306028	52%	99.6%	97.8%
SAU801599	LMO102202	50%	99.6%	99.1%
SAU801599	MBV102135	30%	99.6%	97.3%
SAU801599	MTU200091	30%	99.6%	97.3%
SAU801599	NGO100042	47%	99.6%	97.9%
SAU801599	NME200901	45%	99.6%	97.9%
SAU801599	PMU100194	52%	99.6%	99.1%
SAU801599	PRT104077	48%	99.6%	96.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801599	PAE203967	24%	75.4%	35.3%
SAU801599	PPU107143	29%	80.7%	86.7%
SAU801599	PSY105099	24%	75.4%	36.1%
SAU801599	SPA102658	53%	99.6%	97.8%
SAU801599	STY103498	53%	99.6%	97.8%
SAU801599	SAU801599	100%	100%	100%
SAU801599	SEP201090	71%	100%	100%
SAU801599	SHA101359	71%	100%	100%
SAU801599	SMU101154	42%	96.5%	95.2%
SAU801599	SPN400894	43%	99.6%	98.7%
SAU801599	SPY200320	41%	99.6%	98.3%
SAU801599	TPA100168	35%	95.2%	89.2%
SAU801599	UUR100475	40%	50%	95.8%
SAU801599	VCH102344	53%	99.6%	98.7%
SAU801599	YPS000146	50%	99.6%	97.4%
SAU801605	ABA100484	46%	99.2%	97.6%
SAU801605	BAN111697	60%	17.2%	70.5%
SAU801605	BAN107867	55%	66.4%	98.2%
SAU801605	BAN106428	54%	93.6%	92.9%
SAU801605	BPT101355	52%	98.8%	98.8%
SAU801605	BCE104528	36%	95.2%	91.0%
SAU801605	BCE107667	44%	98.8%	89.0%
SAU801605	BFU103189	46%	99.6%	94.6%
SAU801605	BMA104515	44%	99.6%	93.1%
SAU801605	CJU101450	55%	99.6%	97.6%
SAU801605	CDF102700	49%	98.4%	90.8%
SAU801605	EBC100474	43%	55.6%	98.5%
SAU801605	ECO100696	45%	98%	98.4%
SAU801605	HIN101694	45%	98.4%	93.8%
SAU801605	KPN300310	33%	46%	69.0%
SAU801605	KPN300091	36%	28.4%	93.4%
SAU801605	KPN302568	42%	99.6%	98.8%
SAU801605	MAV102722	40%	98.8%	98.0%
SAU801605	MLP100225	40%	98.8%	98.0%
SAU801605	NME200029	44%	99.2%	99.2%
SAU801605	PRT102094	47%	98.4%	97.2%
SAU801605	PAE202110	42%	94.4%	96.8%
SAU801605	PPU106297	38%	98.4%	95.7%
SAU801605	PSY104029	44%	98.4%	96.1%
SAU801605	SPA102223	40%	96%	98.7%
SAU801605	STY101893	45%	94.8%	95.1%
SAU801605	STM101632	44%	98.8%	99.2%
SAU801605	SAU801605	100%	100%	100%
SAU801605	SEP201114	74%	100%	100%
SAU801605	SHA100233	78%	100%	100%
SAU801605	VCH103496	39%	95.2%	97.2%
SAU801605	YPS001546	46%	98.8%	98.8%
SAU801606	KPN105172	57%	27.8%	97.7%
SAU801606	SAU801606	100%	100%	100%
SAU801606	SEP201117	80%	99.8%	99.8%
SAU801606	SHA100232	84%	93.4%	100%
SAU801615	BAN102459	37%	86.3%	94.6%
SAU801615	BAN105001	37%	86.3%	91.6%
SAU801615	CBO101692	29%	81.4%	89.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801615	CDF103625	29%	97.1%	82.3%
SAU801615	EFA200710	48%	100%	82.4%
SAU801615	EFM202242	46%	100%	97.0%
SAU801615	LMO102296	40%	94.1%	89%
SAU801615	SAU801615	100%	100%	100%
SAU801615	SEP201157	89%	100%	100%
SAU801615	SHA101193	89%	100%	100%
SAU801615	SMU101202	41%	97.1%	97.0%
SAU801615	SPN400177	42%	98.0%	97.0%
SAU801615	SPY201612	40%	97.1%	97.0%
SAU801616	ABA100403	30%	74.8%	62.3%
SAU801616	BAN104572	59%	98.4%	87.6%
SAU801616	BAN108104	61%	98.4%	87.6%
SAU801616	BFR12028	31%	98.4%	97.5%
SAU801616	BCE103090	27%	86.2%	70.5%
SAU801616	CPN200515	38%	83.7%	67.5%
SAU801616	CTR200449	39%	75.6%	63.5%
SAU801616	CAC101999	49%	99.2%	88.1%
SAU801616	CBO100417	50%	99.2%	86.9%
SAU801616	CDF100891	55%	97.6%	83.0%
SAU801616	CDP100379	27%	98.4%	75.4%
SAU801616	EBC103406	26%	91.9%	79.7%
SAU801616	EFA200711	54%	98.4%	86.4%
SAU801616	EFM201893	55%	97.6%	83.9%
SAU801616	ECO102884	26%	91.9%	79.7%
SAU801616	HIN100291	26%	71.5%	62.6%
SAU801616	KPN302112	26%	91.9%	79.1%
SAU801616	LPN100282	29%	71.5%	62.6%
SAU801616	LMO101308	56%	98.4%	87.0%
SAU801616	MCA100969	26%	89.4%	70.3%
SAU801616	MAV104478	31%	91.1%	45.6%
SAU801616	MBV100969	37%	65.0%	47.1%
SAU801616	MLP100310	31%	96.7%	63.6%
SAU801616	MTU202517	37%	65.0%	47.1%
SAU801616	NGO100112	35%	64.2%	51.7%
SAU801616	NME201410	34%	64.2%	51.7%
SAU801616	PRT104009	31%	75.6%	66.2%
SAU801616	PAE200403	25%	91.1%	77.1%
SAU801616	PPU109370	23%	92.7%	80.9%
SAU801616	PSY105925	24%	91.9%	80.1%
SAU801616	SPA102544	27%	72.4%	63.8%
SAU801616	STY104576	27%	72.4%	63.8%
SAU801616	STM100595	27%	72.4%	63.8%
SAU801616	SAU801616	100%	100%	100%
SAU801616	SEP201160	86%	99.2%	85.9%
SAU801616	SHA101192	83%	99.2%	85.9%
SAU801616	SMU101205	52%	99.2%	87.8%
SAU801616	SPN400176	52%	97.6%	86.3%
SAU801616	SPY201613	48%	97.6%	86.3%
SAU801616	UUR100372	34%	100%	87.8%
SAU801616	VCH100461	22%	77.2%	67.9%
SAU801616	YPS000228	29%	75.6%	65.7%
SAU801617	BAN109872	57%	100%	98.9%
SAU801617	BAN111284	57%	100%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801617	CAC103316	46%	89.5%	89.5%
SAU801617	CBO101837	48%	89.5%	92.8%
SAU801617	CDF100893	43%	96.5%	97.6%
SAU801617	EFA200713	58%	89.5%	86.5%
SAU801617	EFM200709	55%	89.5%	87.5%
SAU801617	LMO101635	54%	95.3%	92.2%
SAU801617	SAU801617	100%	100%	100%
SAU801617	SEP201163	87%	96.5%	96.5%
SAU801617	SHA101191	83%	100%	100%
SAU801617	SMU101208	56%	90.7%	87.6%
SAU801617	SPN400175	53%	93.0%	90.9%
SAU801617	SPY201614	56%	90.7%	87.6%
SAU801618	ABA102548	51%	8.7%	92.7%
SAU801618	ABA101894	43%	99.4%	99.2%
SAU801618	BAN112993	42%	12.2%	96.4%
SAU801618	BAN112360	57%	73.3%	100%
SAU801618	BAN110893	59%	100%	99.8%
SAU801618	BFR11415	40%	98.5%	98.9%
SAU801618	BPT101143	44%	99.3%	99.5%
SAU801618	BBU100219	38%	79.1%	98.8%
SAU801618	BCE107013	46%	47.8%	94.4%
SAU801618	BFU114595	42%	99.5%	99.8%
SAU801618	BMA107024	43%	99.4%	99.7%
SAU801618	CJU100469	42%	98.1%	98.6%
SAU801618	CPN200957	36%	96.9%	97.0%
SAU801618	CTR200124	36%	99.1%	99.2%
SAU801618	CAC100475	43%	100%	99.8%
SAU801618	CBO102316	44%	100%	99.8%
SAU801618	CDF100894	45%	99.8%	99.5%
SAU801618	CDP100382	38%	99.0%	99.4%
SAU801618	EBC101519	44%	98.4%	100%
SAU801618	EFA202378	55%	99.9%	99.9%
SAU801618	EFM102001	56%	14.2%	100%
SAU801618	ECO102637	45%	99.0%	98.9%
SAU801618	HIN100794	44%	99.3%	99.5%
SAU801618	HPY101224	39%	98.6%	98.9%
SAU801618	KPN301584	45%	99.0%	99.0%
SAU801618	LPN103164	42%	99.7%	100%
SAU801618	LMO101358	56%	99.8%	99.5%
SAU801618	MCA100516	45%	99.7%	99.4%
SAU801618	MAV102135	38%	97.7%	99.2%
SAU801618	MBV100967	38%	99.3%	99.2%
SAU801618	MLP100309	38%	99.3%	99.6%
SAU801618	MTU202518	38%	99.3%	99.2%
SAU801618	MGE100298	36%	89.6%	87.3%
SAU801618	MPN100422	34%	94.4%	92.6%
SAU801618	NGO101407	42%	99.3%	99.4%
SAU801618	NME201646	43%	99.3%	99.4%
SAU801618	PMU101287	44%	99.1%	99.2%
SAU801618	PRT101312	42%	99.2%	99.2%
SAU801618	PAE200902	45%	99.4%	99.7%
SAU801618	PPU106922	45%	98.6%	98.9%
SAU801618	PSY103114	44%	94.3%	99.2%
SAU801618	SPA101276	44%	99.0%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801618	STY102766	44%	99.0%	98.9%
SAU801618	SAU801618	100%	100%	100%
SAU801618	SEP201165	83%	100%	100%
SAU801618	SHA101190	83%	100%	99.7%
SAU801618	SMU100824	49%	99.4%	99.8%
SAU801618	SPN401239	50%	99.2%	99.5%
SAU801618	SPY201063	50%	99.7%	100%
SAU801618	TPA101007	38%	79.9%	98.7%
SAU801618	UUR100371	36%	99.9%	99.9%
SAU801618	VCH100535	43%	99.3%	99.3%
SAU801618	YPS003498	45%	99.0%	99.0%
SAU801619	ABA105938	24%	55.9%	85.9%
SAU801619	BAN100190	32%	87.2%	91.9%
SAU801619	BAN101468	48%	89.1%	94.5%
SAU801619	BFR100242	22%	46.4%	93.4%
SAU801619	BBU100631	27%	53.6%	72.1%
SAU801619	BCE106437	25%	30.2%	26.6%
SAU801619	BFU102756	29%	46.9%	70.7%
SAU801619	BMA100166	32%	18.3%	51.2%
SAU801619	CPN200638	31%	89.1%	98.1%
SAU801619	CTR200297	33%	79.3%	85.6%
SAU801619	CAC103106	35%	90.2%	99.6%
SAU801619	CBO101836	35%	86.8%	95.4%
SAU801619	CDF101471	34%	87.5%	96.3%
SAU801619	EBC102604	23%	55.2%	82.2%
SAU801619	EFA200908	41%	98.7%	98.7%
SAU801619	EFM101108	42%	98.2%	98.3%
SAU801619	ECO102756	22%	55.8%	82.7%
SAU801619	HIN101288	24%	47.2%	69.8%
SAU801619	HPY200724	26%	13.1%	20.9%
SAU801619	KPN305146	23%	52.1%	77.7%
SAU801619	LPN102124	22%	47.4%	45.5%
SAU801619	LPN101988	22%	47.4%	45.5%
SAU801619	LMO102542	46%	98.4%	97.5%
SAU801619	MCA101482	25%	53.3%	68.8%
SAU801619	MAV103656	27%	46.4%	69.5%
SAU801619	MBV100278	26%	45.9%	68.5%
SAU801619	MTU200626	26%	45.9%	68.5%
SAU801619	NGO100235	26%	49.7%	76.7%
SAU801619	NME201279	26%	49.5%	77.8%
SAU801619	PMU100517	23%	52.5%	75.8%
SAU801619	PRT102296	23%	61.2%	84.5%
SAU801619	PAE204281	36%	45.1%	63.5%
SAU801619	PPU101090	33%	46.2%	66.9%
SAU801619	PSY102739	33%	45.1%	65.9%
SAU801619	SPA100178	22%	25.8%	97.4%
SAU801619	STY103973	22%	55.2%	81.5%
SAU801619	SAU801619	100%	100%	100%
SAU801619	SEP201166	80%	100%	100%
SAU801619	SHA101579	76%	45.0%	98.7%
SAU801619	SMU101281	39%	97.3%	98.1%
SAU801619	SPN400363	40%	91.6%	95.4%
SAU801619	SPY201419	39%	97.3%	97.9%
SAU801619	VCH102285	25%	47.6%	65.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801619	YPS001085	34%	45.7%	68.9%
SAU801621	ABA105138	55%	94.6%	96.3%
SAU801621	BAN108754	63%	98.7%	100%
SAU801621	BAN107731	73%	98.1%	97.6%
SAU801621	BFR101806	39%	93.3%	98.0%
SAU801621	BPT102222	50%	94.6%	97.3%
SAU801621	BBU100681	37%	94.9%	98.6%
SAU801621	BCE109535	54%	94.9%	93.1%
SAU801621	BFU101559	55%	94.9%	93.4%
SAU801621	BMA105040	56%	94.9%	93.2%
SAU801621	CJU100046	33%	95.2%	100%
SAU801621	CPN200310	48%	94.6%	96.7%
SAU801621	CTR200552	52%	94.4%	92.8%
SAU801621	CAC103620	43%	94.6%	98.9%
SAU801621	CBO100620	42%	95.2%	98.3%
SAU801621	CBO101941	44%	94.9%	98.1%
SAU801621	CDF100895	42%	94.9%	97.8%
SAU801621	CDP100137	34%	94.9%	98.4%
SAU801621	EBC102862	54%	96.0%	97.0%
SAU801621	EFA201802	69%	99.2%	99.2%
SAU801621	EFM201233	72%	99.2%	99.2%
SAU801621	ECO101106	55%	96.5%	94.3%
SAU801621	HIN100165	54%	95.7%	85.6%
SAU801621	HPY101317	35%	94.9%	94.7%
SAU801621	KPN301143	55%	96.5%	93.0%
SAU801621	LPN102566	54%	96.0%	99.2%
SAU801621	LMO100858	77%	99.5%	98.9%
SAU801621	MCA100336	55%	95.7%	93.9%
SAU801621	MAV103827	35%	94.9%	98.6%
SAU801621	MBV105909	35%	94.9%	96.2%
SAU801621	MLP101048	35%	94.9%	98.6%
SAU801621	MTU202984	35%	94.9%	96.2%
SAU801621	MGE100301	37%	94.4%	98.1%
SAU801621	MPN100419	37%	96.2%	98.6%
SAU801621	NGO101275	51%	95.7%	91.9%
SAU801621	NME201603	52%	95.7%	91.9%
SAU801621	PMU101336	56%	97.0%	94.8%
SAU801621	PRT100592	56%	96.0%	97.8%
SAU801621	PAE202624	58%	94.9%	94.1%
SAU801621	PPU110350	57%	94.9%	94.4%
SAU801621	PSY104084	56%	96.2%	95.5%
SAU801621	SPA104236	55%	96.5%	98.1%
SAU801621	STY102569	55%	96.5%	98.1%
SAU801621	SAU801621	100%	100%	100%
SAU801621	SEP201168	89%	100%	100%
SAU801621	SHA100752	89%	100%	100%
SAU801621	SMU101360	71%	97.6%	97.6%
SAU801621	SPN400122	72%	98.4%	93.6%
SAU801621	SPY201672	71%	97.3%	97.3%
SAU801621	UUR100405	47%	98.4%	97.4%
SAU801621	VCH101109	54%	96.5%	97.6%
SAU801621	YPS003264	54%	96.0%	96.8%
SAU801624	SAU801624	100%	100%	100%
SAU801624	SEP203376	72%	95.8%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801625	BAN103970	45%	85%	77.3%
SAU801625	BAN109777	54%	53.3%	82.9%
SAU801625	BCE109299	38%	95%	47.2%
SAU801625	BFU108906	39%	88.3%	74.6%
SAU801625	CDP102360	38%	71.7%	94.2%
SAU801625	EBC104212	34%	86.7%	75.4%
SAU801625	EFA204368	39%	96.7%	61.0%
SAU801625	EFM202444	30%	83.3%	74.6%
SAU801625	ECO103939	47%	56.7%	49.3%
SAU801625	KPN304718	44%	56.7%	49.3%
SAU801625	LMO100321	32%	88.3%	90.2%
SAU801625	MAV107307	35%	83.3%	73.1%
SAU801625	MAV106390	37%	68.3%	54.4%
SAU801625	MAV109056	36%	78.3%	63.6%
SAU801625	PAE204734	28%	91.7%	90.8%
SAU801625	PPU109566	45%	66.7%	81.6%
SAU801625	PSY104361	34%	78.3%	74.6%
SAU801625	SPA103512	44%	56.7%	48.6%
SAU801625	STY101943	44%	56.7%	48.6%
SAU801625	STM102797	44%	56.7%	48.6%
SAU801625	SAU800840	79%	98.3%	92.2%
SAU801625	SAU801625	100%	100%	100%
SAU801625	SEP203695	71%	93.3%	88.9%
SAU801625	SPN401624	40%	98.3%	88.1%
SAU801625	SPN401384	44%	98.3%	92.2%
SAU801625	SPY201542	38%	95%	86.4%
SAU801625	SPY200970	46%	85%	81.8%
SAU801626	ABA104591	43%	57.1%	51.0%
SAU801626	BAN106612	60%	100%	100%
SAU801626	BAN110626	64%	100%	100%
SAU801626	BPT100530	33%	89.3%	80%
SAU801626	BCE101233	31%	89.3%	75.4%
SAU801626	BFU111916	34%	89.3%	76.7%
SAU801626	BMA105369	31%	89.3%	75.4%
SAU801626	CJU100815	24%	86.4%	93.4%
SAU801626	CAC101137	39%	89.3%	94.2%
SAU801626	CBO101126	40%	89.3%	89.2%
SAU801626	CDF100898	44%	86.4%	86.5%
SAU801626	EBC103621	31%	64.3%	63.1%
SAU801626	ECO102482	33%	95.7%	84.6%
SAU801626	HIN100358	48%	57.1%	53.3%
SAU801626	KPN306316	32%	95.7%	84.0%
SAU801626	LPN100480	30%	95.7%	91.5%
SAU801626	LMO102363	64%	100%	100%
SAU801626	MCA100831	33%	95.7%	84.5%
SAU801626	MAV100728	30%	87.1%	81.1%
SAU801626	MBV105554	30%	88.6%	81.4%
SAU801626	MTU201270	30%	88.6%	81.4%
SAU801626	NGO101056	35%	89.3%	88.5%
SAU801626	NME201452	35%	89.3%	88.5%
SAU801626	PMU100317	35%	89.3%	85.1%
SAU801626	PRT105219	30%	95.7%	84.1%
SAU801626	PAE203812	45%	57.1%	49.1%
SAU801626	PPU104025	31%	93.6%	75.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801626	PSY108566	42%	57.1%	49.1%
SAU801626	SPA100194	33%	95.7%	84.0%
SAU801626	STY105174	33%	95.7%	83.5%
SAU801626	STM103542	31%	83.6%	85.8%
SAU801626	SAU801626	100%	100%	100%
SAU801626	SEP201571	91%	100%	100%
SAU801626	SHA102530	88%	90%	100%
SAU801626	VCH100734	34%	85.7%	67.0%
SAU801626	YPS003291	32%	95.7%	85.4%
SAU801630	ABA101157	52%	99.3%	98.5%
SAU801630	BAN109213	47%	99.7%	100%
SAU801630	BAN103380	66%	99.7%	99.0%
SAU801630	BFR10266	52%	77.7%	98.7%
SAU801630	BPT101790	51%	99.5%	99.2%
SAU801630	BBU100445	48%	85.2%	98.8%
SAU801630	BCE104313	40%	16.3%	76.6%
SAU801630	BCE111669	52%	99.8%	98.8%
SAU801630	BFU111015	53%	99.8%	99.0%
SAU801630	BMA100432	52%	99.8%	98.8%
SAU801630	CJU100601	51%	97.3%	97.1%
SAU801630	CPN200083	46%	99.7%	99.7%
SAU801630	CTR200818	44%	99.7%	100%
SAU801630	CAC102618	55%	99.3%	97.6%
SAU801630	CBO100008	54%	99.1%	97.6%
SAU801630	CDF100502	52%	99.3%	97.8%
SAU801630	CDP100396	46%	98.3%	97.0%
SAU801630	EBC102309	54%	99.1%	98.6%
SAU801630	EFA202213	63%	99.7%	99.2%
SAU801630	EFM202626	62%	99.7%	99.2%
SAU801630	ECO101834	54%	99.1%	98.6%
SAU801630	HIN100302	51%	99.1%	99.0%
SAU801630	HPY100610	50%	99.3%	99.7%
SAU801630	KPN301306	59%	52.6%	96.8%
SAU801630	LPN101576	53%	99.1%	98.7%
SAU801630	LMO101015	64%	99.3%	98.6%
SAU801630	MCA100604	50%	99.3%	98.8%
SAU801630	MAV103031	45%	87.6%	99.6%
SAU801630	MBV101554	45%	98.3%	94.8%
SAU801630	MLP100306	44%	98.3%	97.8%
SAU801630	MTU202535	45%	98.3%	97.1%
SAU801630	MGE100036	35%	97.3%	96.9%
SAU801630	MPN100108	36%	98.1%	96.6%
SAU801630	NGO101633	52%	99.1%	99.3%
SAU801630	NME201865	52%	99.3%	98.3%
SAU801630	PMU100983	51%	99.1%	99.0%
SAU801630	PRT100115	53%	99.1%	100%
SAU801630	PAE200962	53%	99.3%	98.6%
SAU801630	PPU112195	52%	99.3%	98.6%
SAU801630	PSY106866	53%	90.1%	97.6%
SAU801630	SPA102449	52%	65.1%	98.0%
SAU801630	STY102265	54%	99.1%	98.6%
SAU801630	SAU801630	100%	100%	100%
SAU801630	SEP201575	88%	100%	100%
SAU801630	SHA100663	89%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801630	SMU101272	57%	99.3%	98.0%
SAU801630	SPN401921	57%	99.3%	98.3%
SAU801630	SPY201648	56%	99.3%	99.1%
SAU801630	TPA100975	44%	99.3%	96.8%
SAU801630	UUR100288	42%	99.0%	99.3%
SAU801630	VCH101147	52%	99.3%	98.6%
SAU801630	YPS003419	52%	99.1%	97.3%
SAU801631	ABA101469	49%	15%	78.8%
SAU801631	ABA100694	40%	98.1%	96.7%
SAU801631	BAN108710	37%	96.4%	97.9%
SAU801631	BAN104310	58%	99.0%	89.8%
SAU801631	BFR11762	23%	98.1%	97.6%
SAU801631	BPT100013	40%	94.3%	90.1%
SAU801631	BBU100134	23%	99.5%	97.2%
SAU801631	BCE114784	40%	98.1%	93.7%
SAU801631	BFU113972	40%	93.8%	88.1%
SAU801631	BMA106479	40%	98.1%	93.7%
SAU801631	CJU100704	36%	98.6%	99.0%
SAU801631	CPN200082	38%	98.8%	98.1%
SAU801631	CTR200819	39%	96.0%	94.6%
SAU801631	CAC100205	26%	97.1%	97.4%
SAU801631	CBO102641	47%	99.5%	99.5%
SAU801631	CDF100504	50%	100%	99.3%
SAU801631	CDP100409	44%	98.6%	96.5%
SAU801631	EBC102800	38%	99.5%	98.1%
SAU801631	EFA202211	49%	98.6%	95.6%
SAU801631	EFM201250	47%	98.6%	96.3%
SAU801631	ECO102465	38%	99.5%	98.1%
SAU801631	HIN100348	40%	99.5%	98.3%
SAU801631	HPY101173	27%	95.7%	94.1%
SAU801631	KPN309062	39%	99.5%	98.1%
SAU801631	LPN101194	38%	97.6%	95.5%
SAU801631	LMO101789	54%	98.8%	97.4%
SAU801631	MCA101520	42%	96.9%	97.2%
SAU801631	MAV103034	44%	97.9%	96.4%
SAU801631	MBV101555	44%	97.9%	95.7%
SAU801631	MLP100305	41%	97.9%	94.8%
SAU801631	MTU202543	44%	97.9%	95.7%
SAU801631	MGE100035	32%	95%	94.4%
SAU801631	MPN100109	34%	98.1%	97.6%
SAU801631	NGO101009	43%	95.2%	93.5%
SAU801631	NME200980	43%	95.2%	93.5%
SAU801631	PMU102011	41%	99.5%	98.3%
SAU801631	PRT104870	38%	98.8%	97.4%
SAU801631	PAE203799	43%	98.1%	96.3%
SAU801631	PPU103989	43%	98.6%	96.7%
SAU801631	PSY103800	42%	98.1%	96.3%
SAU801631	SPA101921	43%	70.7%	98.0%
SAU801631	STY101721	38%	99.5%	98.1%
SAU801631	SAU801631	100%	100%	100%
SAU801631	SEP201577	84%	99.8%	98.8%
SAU801631	SHA100662	85%	100%	99.3%
SAU801631	SMU101274	45%	97.6%	95.1%
SAU801631	SPN401928	48%	99.0%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801631	SPY201649	46%	98.6%	96.7%
SAU801631	TPA100633	24%	76.2%	75.1%
SAU801631	UUR100287	37%	97.6%	97.6%
SAU801631	VCH100747	40%	97.1%	96.0%
SAU801631	YPS003230	40%	97.1%	95.8%
SAU801632	BAN100228	29%	55.3%	47.5%
SAU801632	BAN110524	28%	62.2%	49.5%
SAU801632	BAN102171	29%	62.5%	49.0%
SAU801632	BAN111103	29%	61.9%	38.1%
SAU801632	BAN102482	29%	61.9%	37.8%
SAU801632	BAN101459	33%	60.1%	75.2%
SAU801632	BFR103557	24%	55.0%	51.9%
SAU801632	BPT102223	27%	58.8%	48.2%
SAU801632	BBU100665	27%	54.6%	61.7%
SAU801632	BCE110660	27%	57.0%	47.8%
SAU801632	BFU102333	27%	60.8%	45.0%
SAU801632	BMA100078	28%	58.8%	43.2%
SAU801632	CJU101194	26%	72.2%	38.4%
SAU801632	CPN200332	32%	59.5%	70.5%
SAU801632	CTR200532	34%	58.8%	67.9%
SAU801632	CAC100830	33%	58.8%	83.1%
SAU801632	CBO103642	28%	58.8%	100%
SAU801632	CBO102707	34%	57.0%	18.3%
SAU801632	CDF100779	34%	61.9%	79.7%
SAU801632	CDP101644	26%	58.4%	45.5%
SAU801632	EBC100856	28%	58.1%	74.5%
SAU801632	EFM202599	36%	64.9%	66.0%
SAU801632	ECO102754	30%	58.1%	49.0%
SAU801632	HIN100065	29%	58.4%	52.1%
SAU801632	HPY100759	26%	58.8%	50.2%
SAU801632	KPN305150	28%	58.1%	52.5%
SAU801632	LPN100769	29%	60.5%	48.2%
SAU801632	LMO100827	38%	32.6%	13.6%
SAU801632	MAV106636	24%	58.4%	45.1%
SAU801632	MBV103480	24%	58.4%	45.1%
SAU801632	MLP101597	24%	58.4%	45.1%
SAU801632	MTU203860	24%	58.4%	45.1%
SAU801632	NGO101686	29%	62.9%	56.7%
SAU801632	NME201874	27%	62.9%	57.5%
SAU801632	PMU100903	27%	57.7%	54.5%
SAU801632	PRT102294	26%	58.1%	52.8%
SAU801632	PAE204942	27%	59.8%	48.8%
SAU801632	PPU106701	29%	57.7%	46.6%
SAU801632	PSY101064	30%	57.7%	54.3%
SAU801632	SPA104044	28%	61.2%	52.9%
SAU801632	STY103967	29%	58.1%	52.5%
SAU801632	STM101271	27%	61.2%	78.9%
SAU801632	SAU801632	100%	100%	100%
SAU801632	SEP201579	71%	100%	100%
SAU801632	SHA100124	68%	84.9%	100%
SAU801632	TPA100244	25%	56.4%	59.7%
SAU801632	VCH100339	25%	62.5%	41.3%
SAU801632	YPS001087	28%	58.1%	52.6%
SAU801636	ABA101961	31%	73.1%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801636	BAN104770	29%	99.6%	98.9%
SAU801636	BAN102480	40%	99.6%	98.6%
SAU801636	BFR100673	32%	65.5%	99.2%
SAU801636	BPT101805	31%	70.0%	93.6%
SAU801636	BBU100253	32%	73.3%	99.2%
SAU801636	BFU108641	31%	72.5%	99.1%
SAU801636	BMA106924	31%	70.3%	96.3%
SAU801636	CJU100028	34%	69.6%	98.3%
SAU801636	CPN200184	27%	71.6%	94.7%
SAU801636	CTR200722	28%	72.7%	97.1%
SAU801636	CAC102562	33%	69.9%	95.9%
SAU801636	CBO101432	35%	73.2%	98.8%
SAU801636	CDF100497	38%	73.1%	68.6%
SAU801636	EBC102952	38%	47.8%	84.8%
SAU801636	EFA201172	38%	99.3%	99.2%
SAU801636	EFM100083	43%	38.3%	99.7%
SAU801636	ECO102828	32%	70.3%	96.0%
SAU801636	HIN101186	34%	65.7%	90.8%
SAU801636	HPY100344	30%	65.3%	94.0%
SAU801636	KPN303321	32%	70.5%	96.4%
SAU801636	LPN103347	31%	71.9%	98.1%
SAU801636	LMO102252	37%	99.9%	98.1%
SAU801636	MCA101569	29%	72.8%	96.3%
SAU801636	NGO100971	32%	65.1%	89.4%
SAU801636	NME200968	33%	65.1%	89.4%
SAU801636	PMU100192	31%	65.7%	90.8%
SAU801636	PRT103507	30%	70.1%	95.8%
SAU801636	PAE203722	32%	65.8%	91.2%
SAU801636	PPU107844	32%	65.3%	90.5%
SAU801636	PSY104923	32%	65.8%	91.2%
SAU801636	SPA102978	30%	70.1%	95.8%
SAU801636	STY104138	32%	70.1%	95.8%
SAU801636	SAU801636	100%	100%	100%
SAU801636	SEP201590	66%	100%	100%
SAU801636	SHA101075	68%	99.7%	99.7%
SAU801636	SMU100405	39%	98.3%	97.5%
SAU801636	SPN400537	38%	99.3%	98.9%
SAU801636	SPY200696	37%	96.2%	95.9%
SAU801636	TPA100696	27%	0.5%	20.1%
SAU801636	VCH102382	30%	70.1%	95.5%
SAU801636	YPS000162	29%	71.3%	97.4%
SAU801643	CAC103297	30%	94.1%	91.6%
SAU801643	CBO102699	28%	93.4%	94%
SAU801643	SAU801643	100%	100%	100%
SAU801643	SEP201603	74%	99.3%	100%
SAU801643	SHA100641	82%	99.3%	100%
SAU801644	ABA102020	45%	79.3%	84.2%
SAU801644	BAN108425	53%	99.8%	100%
SAU801644	BAN110337	64%	100%	100%
SAU801644	BFR10585	42%	80.5%	94.5%
SAU801644	BPT102468	45%	79.1%	91.8%
SAU801644	BBU100780	39%	74.4%	96.0%
SAU801644	BCE109750	47%	79.3%	93.2%
SAU801644	BFU106483	44%	85.3%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801644	BMA107520	47%	77.2%	90.3%
SAU801644	CJU100085	41%	77.4%	98%
SAU801644	CPN200205	42%	76.3%	97.1%
SAU801644	CTR200689	45%	76.7%	100%
SAU801644	CAC103735	49%	100%	100%
SAU801644	CBO102816	48%	99.8%	99.8%
SAU801644	CDF101736	51%	99.5%	98.8%
SAU801644	CDP101218	43%	99.3%	86.0%
SAU801644	EBC102677	45%	75.1%	83.4%
SAU801644	EFA201920	61%	100%	99.5%
SAU801644	EFM201911	60%	88.8%	97.5%
SAU801644	ECO103113	47%	69.8%	77.7%
SAU801644	HIN100857	45%	75.6%	84.1%
SAU801644	HPY100299	48%	68.1%	80.6%
SAU801644	KPN300686	43%	79.3%	87.2%
SAU801644	LPN101316	48%	64.9%	99.3%
SAU801644	LMO102191	65%	100%	100%
SAU801644	MCA101313	46%	77.2%	82.9%
SAU801644	MAV104121	43%	97.7%	86.6%
SAU801644	MBV104432	43%	99.3%	88.6%
SAU801644	MLP100902	42%	99.3%	90.2%
SAU801644	MTU202404	43%	99.3%	89.6%
SAU801644	MGE100395	37%	98.4%	98.2%
SAU801644	MPN100279	38%	98.4%	98.2%
SAU801644	NGO100959	44%	83.0%	97.7%
SAU801644	NME200322	43%	83.0%	97.7%
SAU801644	PMU100351	44%	79.3%	88.7%
SAU801644	PRT100791	44%	79.8%	89.7%
SAU801644	PAE204564	47%	76.5%	82.0%
SAU801644	PPU110997	45%	79.1%	87.5%
SAU801644	PSY102705	46%	65.6%	78.9%
SAU801644	SPA100458	44%	75.1%	89.3%
SAU801644	STY101485	44%	75.1%	83.6%
SAU801644	SAU801644	100%	100%	100%
SAU801644	SEP201605	90%	100%	100%
SAU801644	SHA100640	88%	85.1%	100%
SAU801644	SMU100127	58%	100%	99.5%
SAU801644	SPN400984	59%	100%	99.5%
SAU801644	SPY201023	60%	100%	99.5%
SAU801644	TPA100734	40%	74.2%	84.0%
SAU801644	UUR100466	37%	99.8%	99.5%
SAU801644	VCH100432	39%	84.9%	96.2%
SAU801644	YPS002137	42%	86.3%	98.7%
SAU801645	ABA101804	61%	73.7%	85.9%
SAU801645	BAN111062	82%	94.9%	100%
SAU801645	BAN102544	84%	94.9%	97.9%
SAU801645	BFR10883	53%	80.8%	89.9%
SAU801645	BPT102470	59%	82.8%	96.5%
SAU801645	BBU100779	56%	80.8%	97.5%
SAU801645	BCE103036	55%	84.8%	96.6%
SAU801645	BFU106480	57%	78.8%	89.7%
SAU801645	BMA101618	55%	84.8%	96.6%
SAU801645	CJU100084	59%	81.8%	96.4%
SAU801645	CPN200204	58%	73.7%	86.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801645	CTR200690	61%	80.8%	94.0%
SAU801645	CAC103330	67%	92.9%	92%
SAU801645	CBO102962	75%	92.9%	92%
SAU801645	CDF101911	68%	93.9%	96.9%
SAU801645	CDP101220	63%	80.8%	89.8%
SAU801645	EBC100461	60%	82.8%	97.6%
SAU801645	EFA202214	81%	93.9%	94.9%
SAU801645	EFM200824	80%	94.9%	96.9%
SAU801645	ECO103115	60%	82.8%	97.6%
SAU801645	HIN100859	58%	80.8%	94.1%
SAU801645	HPY100293	60%	80.8%	90.9%
SAU801645	KPN300596	59%	82.8%	97.6%
SAU801645	LPN100139	51%	80.8%	88.0%
SAU801645	LMO100798	85%	90.9%	93.8%
SAU801645	MCA101440	55%	82.8%	97.6%
SAU801645	MAV104122	57%	85.9%	95.5%
SAU801645	MBV104431	63%	80.8%	91.9%
SAU801645	MLP100903	61%	83.8%	93.2%
SAU801645	MTU202405	63%	80.8%	91.9%
SAU801645	MGE100239	63%	87.9%	83.7%
SAU801645	MPN100509	67%	89.9%	87.5%
SAU801645	NGO101635	58%	80.8%	90%
SAU801645	NME202000	56%	80.8%	90%
SAU801645	PMU100348	60%	82.8%	97.6%
SAU801645	PRT100790	59%	82.8%	97.6%
SAU801645	PAE204565	62%	82.8%	97.6%
SAU801645	PPU109793	56%	82.8%	97.6%
SAU801645	PSY102707	51%	85.9%	94.5%
SAU801645	SPA100460	60%	82.8%	97.6%
SAU801645	STY101487	60%	82.8%	97.6%
SAU801645	SAU801645	100%	100%	100%
SAU801645	SEP201610	92%	100%	100%
SAU801645	SHA100024	92%	100%	100%
SAU801645	SMU100757	82%	90.9%	92.8%
SAU801645	SPN401014	79%	89.9%	100%
SAU801645	SPY200612	80%	90.9%	92.8%
SAU801645	TPA100735	60%	80.8%	93.1%
SAU801645	UUR100211	65%	85.9%	85%
SAU801645	VCH100431	60%	80.8%	94.2%
SAU801645	YPS002142	60%	82.8%	97.6%
SAU801646	BAN108189	37%	92.0%	93.9%
SAU801646	BAN100435	37%	92.0%	93.9%
SAU801646	CBO101665	32%	83.9%	88.0%
SAU801646	CDF103326	30%	92.0%	97.1%
SAU801646	EFA202216	36%	82.1%	85.1%
SAU801646	EFM200511	35%	84.8%	87.7%
SAU801646	ECO101034	30%	41.1%	56.8%
SAU801646	LMO102819	33%	94.6%	100%
SAU801646	MGE100238	40%	40.2%	39.4%
SAU801646	MPN100510	48%	22.3%	25%
SAU801646	SAU801646	100%	100%	100%
SAU801646	SEP201611	89%	94.6%	100%
SAU801646	SHA100023	86%	94.6%	100%
SAU801646	SMU100756	32%	82.1%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801646	SPN401013	24%	83.0%	86.0%
SAU801646	SPY200611	28%	85.7%	90.7%
SAU801646	TPA100736	29%	92.0%	94.4%
SAU801646	UUR100212	29%	78.6%	80.4%
SAU801647	ABA105440	47%	99.0%	99.0%
SAU801647	BAN108298	72%	100%	100%
SAU801647	BAN107763	72%	100%	100%
SAU801647	BFR10884	46%	100%	86.8%
SAU801647	BPT104764	47%	100%	42.0%
SAU801647	BBU100777	37%	98.0%	98.1%
SAU801647	BCE111959	49%	100%	100%
SAU801647	BFU106477	50%	100%	83.1%
SAU801647	BMA107479	48%	100%	100%
SAU801647	CJU100083	36%	100%	100%
SAU801647	CPN200203	40%	97.1%	95.3%
SAU801647	CTR200691	41%	94.1%	92.5%
SAU801647	CAC100327	53%	100%	100%
SAU801647	CBO100385	54%	100%	78.2%
SAU801647	CDF101910	54%	100%	97.2%
SAU801647	CDP101222	38%	98.0%	99.0%
SAU801647	EBC100460	34%	31.4%	100%
SAU801647	EFA202217	62%	100%	96.2%
SAU801647	EFM200259	64%	100%	100%
SAU801647	ECO103116	41%	100%	100%
SAU801647	HIN100860	46%	100%	100%
SAU801647	HPY100292	40%	99.0%	98.1%
SAU801647	KPN300595	40%	87.3%	100%
SAU801647	LPN100481	43%	98.0%	98.1%
SAU801647	LMO101855	75%	100%	100%
SAU801647	MCA101422	43%	100%	100%
SAU801647	MAV102387	34%	97.1%	96.1%
SAU801647	MBV104430	34%	97.1%	95.2%
SAU801647	MLP100904	34%	97.1%	96.1%
SAU801647	MTU202406	34%	97.1%	95.2%
SAU801647	MGE100237	40%	95.1%	94%
SAU801647	MPN100511	42%	95.1%	94%
SAU801647	NGO101632	43%	95.1%	86.0%
SAU801647	NME201999	43%	95.1%	96.1%
SAU801647	PMU100347	46%	100%	100%
SAU801647	PRT100789	45%	98.0%	99.0%
SAU801647	PAE204566	49%	100%	100%
SAU801647	PPU108773	47%	99.0%	65.0%
SAU801647	PSY108282	49%	100%	64.8%
SAU801647	SPA100461	38%	69.6%	100%
SAU801647	STY101488	41%	100%	100%
SAU801647	SAU801647	100%	100%	100%
SAU801647	SEP201612	94%	100%	100%
SAU801647	SMU100215	60%	99.0%	97.1%
SAU801647	SPN401012	57%	99.0%	97.1%
SAU801647	SPY200610	60%	99.0%	97.1%
SAU801647	TPA100737	43%	98.0%	97.1%
SAU801647	UUR100213	51%	99.0%	98%
SAU801647	VCH100430	50%	100%	100%
SAU801647	YPS002148	42%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801648	ABA104912	24%	52.8%	37.8%
SAU801648	BAN104044	23%	83.0%	88.6%
SAU801648	BAN108789	21%	95.5%	92.8%
SAU801648	CBO103951	21%	75%	76.5%
SAU801648	EBC106824	27%	37.5%	62.9%
SAU801648	EFA202030	25%	85.8%	91.1%
SAU801648	EFM200541	20%	85.8%	89.9%
SAU801648	LPN102451	25%	46.0%	24.5%
SAU801648	LMO101092	21%	81.2%	79.7%
SAU801648	MGE100319	22%	73.3%	42.9%
SAU801648	SPA102371	24%	68.2%	90.2%
SAU801648	STY102480	22%	72.2%	80.9%
SAU801648	STM102604	22%	72.2%	80.9%
SAU801648	SAU801648	100%	100%	100%
SAU801648	SEP201613	68%	97.7%	99.4%
SAU801648	SHA102804	50%	94.3%	98.2%
SAU801648	SMU101227	20%	88.1%	91.2%
SAU801648	SPN402019	23%	79.5%	89.0%
SAU801648	UUR100272	25%	91.5%	74.4%
SAU801663	ABA101795	41%	99.3%	98.5%
SAU801663	BAN107436	52%	99.3%	98.8%
SAU801663	BAN109623	68%	99.3%	98.8%
SAU801663	BFR103128	42%	99.9%	99.8%
SAU801663	BPT100020	38%	99.2%	97.9%
SAU801663	BBU100737	43%	99.3%	99.0%
SAU801663	BCE114033	40%	99.3%	99.1%
SAU801663	BFU109684	40%	99.1%	98.2%
SAU801663	BMA104351	39%	99.3%	99.1%
SAU801663	CJU100714	40%	99.2%	99.8%
SAU801663	CPN200668	36%	97.4%	97.4%
SAU801663	CTR200568	36%	99.1%	99.0%
SAU801663	CAC100067	51%	99.8%	99.4%
SAU801663	CBO100672	51%	99.8%	99.4%
SAU801663	CDF100033	36%	26.0%	98.7%
SAU801663	CDF102611	51%	99.3%	98.6%
SAU801663	CDP101232	42%	99.8%	99.3%
SAU801663	EBC104048	40%	97.5%	97.8%
SAU801663	EFA200179	65%	99.4%	98.9%
SAU801663	EFM201966	66%	99.7%	99.0%
SAU801663	ECO104148	40%	98.2%	98.4%
SAU801663	HIN101359	40%	99.9%	99.4%
SAU801663	HPY101136	39%	99.9%	99.5%
SAU801663	KPN303513	40%	97.1%	99.6%
SAU801663	LPN102949	43%	93.9%	100%
SAU801663	LMO102840	66%	99.9%	99.0%
SAU801663	MCA101259	41%	99.5%	99.2%
SAU801663	MAV104126	44%	94.1%	100%
SAU801663	MBV101058	43%	99.7%	100%
SAU801663	MLP100909	44%	99.8%	99.0%
SAU801663	MTU202412	43%	99.7%	100%
SAU801663	MGE100341	36%	99.1%	98.3%
SAU801663	MPN100361	36%	99.2%	98.4%
SAU801663	NGO100851	40%	99.2%	99.8%
SAU801663	NME200089	40%	99.7%	99.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801663	PMU100818	40%	99.9%	99.4%
SAU801663	PRT105161	42%	97.0%	96.3%
SAU801663	PAE203831	41%	98.2%	98.4%
SAU801663	PPU109466	41%	97.7%	98.5%
SAU801663	PSY104286	42%	98.2%	98.4%
SAU801663	SPA100729	34%	67.4%	98.4%
SAU801663	STY104006	40%	98.2%	98.4%
SAU801663	SAU801663	100%	100%	100%
SAU801663	SEP201629	89%	100%	100%
SAU801663	SHA100785	89%	100%	100%
SAU801663	SMU100583	60%	99.8%	99.2%
SAU801663	SPN400492	59%	99.8%	99.2%
SAU801663	SPY201210	61%	99.8%	99.3%
SAU801663	TPA101025	40%	97.5%	96.0%
SAU801663	UUR100269	41%	99.8%	99.2%
SAU801663	VCH102467	41%	99.8%	99.5%
SAU801663	YPS000947	41%	97.0%	96.0%
SAU801668	ABA100700	43%	96.3%	88.7%
SAU801668	BAN101055	53%	100%	99.7%
SAU801668	BAN100517	63%	100%	97.9%
SAU801668	BPT100922	45%	98.8%	95.6%
SAU801668	BCE101370	45%	98.1%	96.7%
SAU801668	BFU101599	45%	98.1%	96.7%
SAU801668	BMA104829	46%	98.1%	96.7%
SAU801668	CJU100923	50%	98.8%	98.5%
SAU801668	CPN200001	43%	98.1%	95.8%
SAU801668	CTR200001	42%	98.1%	95.5%
SAU801668	CAC102676	55%	98.8%	99.4%
SAU801668	CBO101832	54%	98.8%	98.1%
SAU801668	CDF102168	56%	98.8%	98.5%
SAU801668	CDP100775	48%	98.1%	97.9%
SAU801668	EBC102698	54%	67.3%	96.0%
SAU801668	ECO100361	49%	96.9%	92.8%
SAU801668	HPY100160	51%	99.4%	99.4%
SAU801668	KPN308372	49%	96.9%	96.0%
SAU801668	LPN101016	48%	98.5%	96.1%
SAU801668	LMO100837	66%	99.7%	99.1%
SAU801668	MCA101135	45%	98.5%	96.4%
SAU801668	MAV107884	45%	98.1%	97.9%
SAU801668	MBV102362	46%	98.1%	97.6%
SAU801668	MLP101436	44%	98.1%	97.0%
SAU801668	MTU200510	46%	98.1%	97.0%
SAU801668	NGO100861	43%	98.8%	95.3%
SAU801668	NME200933	44%	98.8%	95.3%
SAU801668	PMU101692	45%	98.1%	94.4%
SAU801668	PRT102370	49%	96.9%	95.7%
SAU801668	PAE205238	45%	98.8%	95.5%
SAU801668	PPU110651	47%	97.5%	96.6%
SAU801668	PSY101277	45%	96.0%	93.2%
SAU801668	SPA101546	46%	84.9%	94.7%
SAU801668	STY104591	49%	96.9%	96.0%
SAU801668	SAU801668	100%	100%	100%
SAU801668	SEP201642	90%	100%	100%
SAU801668	SHA101765	86%	62.3%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801668	VCH100105	45%	98.1%	92.5%
SAU801668	YPS000599	46%	98.1%	94.4%
SAU801669	BAN100994	40%	34.7%	32.9%
SAU801669	BAN107924	32%	80.6%	76.4%
SAU801669	CJU101006	23%	78.4%	81.3%
SAU801669	CDP100774	25%	82.4%	36.2%
SAU801669	LPN101520	24%	57.7%	54.8%
SAU801669	LMO101547	27%	87.8%	33.3%
SAU801669	MAV108772	27%	80.6%	36.2%
SAU801669	MBV102363	27%	80.6%	36.3%
SAU801669	MLP101437	26%	83.3%	36.6%
SAU801669	MTU200509	27%	80.6%	35.4%
SAU801669	SAU801669	100%	100%	100%
SAU801669	SEP201643	64%	99.5%	97.8%
SAU801669	SHA100589	55%	99.1%	97.3%
SAU801670	ABA104490	46%	98.7%	98.4%
SAU801670	BAN106158	43%	99.4%	99.7%
SAU801670	BAN110595	57%	99.4%	99.0%
SAU801670	BPT102803	42%	98.7%	96.8%
SAU801670	BCE100543	43%	97.7%	91.0%
SAU801670	BFU106232	45%	97.7%	91.6%
SAU801670	BMA109200	42%	97.7%	92.4%
SAU801670	CJU100507	40%	97.7%	98.0%
SAU801670	CPN200711	32%	56.5%	73.5%
SAU801670	CTR200564	33%	56.2%	70.7%
SAU801670	CAC102785	36%	94.8%	99.0%
SAU801670	CBO103439	44%	80.8%	83.4%
SAU801670	CDF103801	42%	96.1%	99.0%
SAU801670	CDP100772	33%	96.8%	99.0%
SAU801670	EBC102514	45%	96.8%	93.1%
SAU801670	ECO103717	45%	96.8%	93.1%
SAU801670	HPY100233	38%	98.4%	98.7%
SAU801670	KPN308138	43%	96.8%	95.2%
SAU801670	LPN101369	41%	97.1%	93.5%
SAU801670	LMO101599	52%	98.4%	98.4%
SAU801670	MCA101397	45%	98.7%	97.2%
SAU801670	MAV106921	35%	96.1%	94.7%
SAU801670	MBV102364	35%	96.1%	96.5%
SAU801670	MLP101438	34%	96.1%	94.7%
SAU801670	MTU200508	35%	96.1%	97.4%
SAU801670	NGO101908	46%	97.4%	96.5%
SAU801670	NME200661	46%	97.4%	96.5%
SAU801670	PMU101812	44%	98.4%	96.8%
SAU801670	PRT102814	44%	96.1%	94.6%
SAU801670	PAE205255	45%	97.7%	96.2%
SAU801670	PPU105501	44%	98.4%	96.8%
SAU801670	PSY101227	46%	97.7%	96.2%
SAU801670	SPA101514	44%	96.8%	94.0%
SAU801670	STY102055	46%	96.8%	95.2%
SAU801670	SAU801670	100%	100%	100%
SAU801670	SEP201644	82%	99.4%	99.4%
SAU801670	SHA100588	84%	99.7%	99.0%
SAU801670	VCH100120	43%	98.4%	95.6%
SAU801670	YPS001422	42%	96.1%	94.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801671	ABA100570	23%	94.5%	95.5%
SAU801671	BAN106101	27%	73.4%	77.6%
SAU801671	BAN113250	30%	95.9%	93.9%
SAU801671	BPT100926	21%	90.0%	52.5%
SAU801671	BCE109235	18%	75.3%	51.8%
SAU801671	BFU105613	18%	75.3%	50.9%
SAU801671	BMA103662	17%	92.6%	65.4%
SAU801671	CDP100805	24%	48.7%	43.5%
SAU801671	EBC102475	21%	90.4%	83.0%
SAU801671	ECO102558	22%	90.4%	83.0%
SAU801671	HIN101070	23%	63.1%	21.6%
SAU801671	HPY100374	20%	76.4%	21.3%
SAU801671	KPN301265	21%	72.0%	66.6%
SAU801671	MCA103521	23%	82.3%	84.8%
SAU801671	MAV108685	22%	82.3%	70.5%
SAU801671	MBV103201	24%	84.1%	70.7%
SAU801671	MLP101430	23%	84.1%	70.6%
SAU801671	MTU200526	24%	84.1%	70.7%
SAU801671	NGO101770	23%	56.5%	59.3%
SAU801671	NME202025	23%	56.5%	59.3%
SAU801671	PRT100857	20%	72.7%	66.1%
SAU801671	PAE203744	24%	82.3%	82.7%
SAU801671	PPU103412	26%	94.1%	92.2%
SAU801671	PSY103780	26%	49.1%	70.4%
SAU801671	SPA101534	20%	90.4%	83.0%
SAU801671	STY102227	20%	90.4%	90.9%
SAU801671	STM102478	20%	90.4%	90.9%
SAU801671	SAU801671	100%	100%	100%
SAU801671	SEP201645	73%	99.3%	99.6%
SAU801671	SHA100587	72%	99.3%	99.6%
SAU801671	SPN203453	20%	66.8%	62.4%
SAU801671	UUR100525	23%	69.4%	29.5%
SAU801671	VCH100549	24%	69.7%	68.9%
SAU801671	YPS003452	19%	72.0%	64.0%
SAU801677	SAU801677	100%	100%	100%
SAU801677	SEP201661	81%	100%	99.5%
SAU801677	SHA102781	72%	30.2%	98.4%
SAU801678	ABA102501	57%	99.2%	98.3%
SAU801678	BAN104202	58%	97.5%	96.6%
SAU801678	BAN110178	77%	97.5%	97.5%
SAU801678	BFR104064	55%	98.3%	100%
SAU801678	BPT100292	56%	99.2%	98.3%
SAU801678	BBU100187	50%	96.6%	99.1%
SAU801678	BCE102715	58%	99.2%	98.3%
SAU801678	BFU102443	59%	99.2%	98.3%
SAU801678	BMA107401	58%	99.2%	98.3%
SAU801678	CJU100217	52%	99.2%	100%
SAU801678	CPN200847	46%	100%	97.5%
SAU801678	CTR200218	48%	100%	95.9%
SAU801678	CAC101951	57%	96.6%	95.8%
SAU801678	CDF102735	55%	99.2%	99.2%
SAU801678	CDP100976	48%	99.2%	92.1%
SAU801678	EBC102984	61%	99.2%	99.2%
SAU801678	EFA200358	71%	99.2%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801678	EFM201307	69%	99.2%	98.3%
SAU801678	ECO101684	61%	99.2%	99.2%
SAU801678	HIN101286	62%	99.2%	100%
SAU801678	HPY100124	47%	97.5%	99.1%
SAU801678	KPN301692	60%	99.2%	99.2%
SAU801678	LPN101410	58%	99.2%	98.3%
SAU801678	LMO100743	70%	99.2%	98.3%
SAU801678	MAV106548	50%	99.2%	89.3%
SAU801678	MBV101274	50%	99.2%	90.7%
SAU801678	MLP100866	50%	99.2%	90.7%
SAU801678	MTU201622	50%	99.2%	90.7%
SAU801678	MGE100200	51%	94.9%	90.3%
SAU801678	MPN100037	56%	94.9%	88.2%
SAU801678	NGO101855	63%	99.2%	98.3%
SAU801678	NME200857	63%	99.2%	98.3%
SAU801678	PMU100604	61%	99.2%	100%
SAU801678	PRT101306	62%	99.2%	99.2%
SAU801678	PAE202739	58%	99.2%	99.2%
SAU801678	PPU111376	58%	99.2%	99.2%
SAU801678	PSY109131	57%	99.2%	99.2%
SAU801678	SPA100657	60%	97.5%	95.8%
SAU801678	STY101118	61%	99.2%	99.2%
SAU801678	STM103448	61%	99.2%	99.2%
SAU801678	SAU801678	100%	100%	100%
SAU801678	SEP201662	94%	100%	100%
SAU801678	SHA100082	93%	100%	100%
SAU801678	SMU100912	63%	99.2%	98.3%
SAU801678	SPN400863	63%	99.2%	98.3%
SAU801678	SPY200598	63%	99.2%	98.3%
SAU801678	TPA100839	50%	89.0%	86.1%
SAU801678	UUR100231	54%	93.2%	96.7%
SAU801678	VCH103020	63%	99.2%	100%
SAU801678	YPS003061	62%	99.2%	99.2%
SAU801679	ABA102503	48%	97.0%	85.1%
SAU801679	BAN113355	72%	93.9%	93.9%
SAU801679	BAN109536	72%	93.9%	93.9%
SAU801679	BFR104500	46%	95.5%	100%
SAU801679	BPT100293	45%	97.0%	98.5%
SAU801679	BBU100188	41%	93.9%	93.9%
SAU801679	BCE106262	42%	92.4%	98.4%
SAU801679	BFU102444	40%	92.4%	98.4%
SAU801679	BMA105698	45%	97.0%	98.5%
SAU801679	CJU100216	40%	93.9%	96.8%
SAU801679	CPN200848	45%	93.9%	96.9%
SAU801679	CTR200217	41%	93.9%	96.9%
SAU801679	CAC101588	56%	97.0%	98.5%
SAU801679	CBO102406	57%	97.0%	98.5%
SAU801679	CDF104095	60%	97.0%	100%
SAU801679	CDP100973	50%	90.9%	93.8%
SAU801679	EBC102982	53%	97.0%	98.5%
SAU801679	EFA203061	66%	100%	100%
SAU801679	EFM202134	65%	100%	100%
SAU801679	ECO101685	48%	97.0%	98.5%
SAU801679	HIN101285	50%	97.0%	71.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801679	HPY100123	43%	93.9%	95.3%
SAU801679	KPN301691	48%	97.0%	98.5%
SAU801679	LPN101798	48%	92.4%	100%
SAU801679	LMO101064	66%	100%	100%
SAU801679	MAV106547	45%	93.9%	96.9%
SAU801679	MBV101273	43%	93.9%	96.9%
SAU801679	MLP100865	45%	93.9%	96.9%
SAU801679	MTU201621	43%	93.9%	96.9%
SAU801679	MGE100199	57%	89.4%	100%
SAU801679	MPN100038	55%	89.4%	100%
SAU801679	NGO101853	45%	97.0%	98.5%
SAU801679	NME200856	45%	97.0%	98.5%
SAU801679	PMU100603	50%	97.0%	98.5%
SAU801679	PRT103408	51%	97.0%	98.5%
SAU801679	PAE202740	54%	93.9%	95.3%
SAU801679	PPU103712	54%	93.9%	88.4%
SAU801679	PSY107471	51%	93.9%	95.3%
SAU801679	SPA100656	48%	97.0%	98.5%
SAU801679	STY101126	48%	97.0%	98.5%
SAU801679	STM103447	48%	97.0%	98.5%
SAU801679	SAU801679	100%	100%	100%
SAU801679	SEP201663	95%	100%	100%
SAU801679	SHA100081	93%	100%	100%
SAU801679	SMU100910	59%	100%	100%
SAU801679	SPN400862	59%	100%	100%
SAU801679	SPY200597	64%	93.9%	95.4%
SAU801679	TPA100840	41%	93.9%	93.9%
SAU801679	UUR100230	50%	90.9%	93.8%
SAU801679	VCH103019	43%	97.0%	98.4%
SAU801679	YPS003064	53%	97.0%	98.5%
SAU801680	ABA102498	43%	65.1%	100%
SAU801680	BAN104142	63%	100%	100%
SAU801680	BAN107901	63%	100%	87.7%
SAU801680	BFR100214	46%	96.5%	83.3%
SAU801680	BPT101959	52%	88.4%	92.7%
SAU801680	BBU100189	44%	97.7%	90.3%
SAU801680	BCE106172	46%	90.7%	100%
SAU801680	BFU107897	47%	90.7%	100%
SAU801680	BMA109299	48%	90.7%	100%
SAU801680	CJU100195	42%	97.7%	98.3%
SAU801680	CPN200849	45%	96.5%	89.2%
SAU801680	CTR200216	46%	94.2%	87.1%
SAU801680	CAC103337	52%	93.6%	92%
SAU801680	CBO100172	50%	93.6%	87.5%
SAU801680	CDF100791	52%	79.1%	96.5%
SAU801680	CDP100970	48%	82.6%	95.9%
SAU801680	EBC102980	51%	80.2%	96.5%
SAU801680	EFA200363	72%	100%	98.8%
SAU801680	EFM200354	73%	48.8%	94.4%
SAU801680	ECO101686	53%	94.2%	90.6%
SAU801680	HIN101284	50%	76.2%	97.8%
SAU801680	HPY100122	38%	100%	84.7%
SAU801680	KPN301690	52%	80.2%	96.5%
SAU801680	LMO102427	69%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801680	MCA103235	47%	84.9%	100%
SAU801680	MAV106545	46%	78.5%	78.0%
SAU801680	MBV103903	45%	87.2%	81.5%
SAU801680	MLP100864	46%	87.2%	81.1%
SAU801680	MTU201620	45%	95.3%	81.6%
SAU801680	MGE100198	28%	92.4%	87.8%
SAU801680	MPN100039	35%	77.9%	66.7%
SAU801680	NGO101851	50%	88.4%	98.1%
SAU801680	NME200855	50%	95.3%	94.8%
SAU801680	PMU100602	50%	87.2%	98.1%
SAU801680	PRT100107	49%	62.8%	97.3%
SAU801680	PAE202741	48%	99.4%	93.4%
SAU801680	PPU111378	47%	99.4%	93.4%
SAU801680	PSY102598	49%	99.4%	96.6%
SAU801680	SPA100655	51%	94.2%	90.6%
SAU801680	STY101129	52%	94.2%	90.6%
SAU801680	STM103446	53%	80.2%	96.5%
SAU801680	SAU801680	100%	100%	100%
SAU801680	SEP201664	94%	100%	98.3%
SAU801680	SMU100907	59%	100%	86%
SAU801680	SPN400861	61%	100%	88.2%
SAU801680	SPY200596	59%	100%	97.7%
SAU801680	TPA100841	44%	96.5%	92.7%
SAU801680	UUR100229	40%	89.5%	86.5%
SAU801680	YPS003067	53%	94.2%	90.7%
SAU801681	SAU801681	100%	100%	100%
SAU801682	KPN101788	53%	87.9%	98.2%
SAU801682	SAU801682	100%	100%	100%
SAU801682	SEP201665	87%	93.3%	58.8%
SAU801683	ABA102500	42%	97.2%	97.0%
SAU801683	BAN108871	64%	94.6%	96.9%
SAU801683	BAN105353	70%	97.5%	98.0%
SAU801683	BFR103141	45%	79.8%	99.4%
SAU801683	BPT101956	42%	99.4%	98.6%
SAU801683	BBU100719	40%	89.5%	98.6%
SAU801683	BCE105528	43%	98.8%	99.4%
SAU801683	BFU105096	43%	98.8%	97.4%
SAU801683	BMA106934	43%	99.2%	99.8%
SAU801683	CJU100194	42%	94.9%	99.8%
SAU801683	CPN201046	40%	96.3%	96.2%
SAU801683	CTR200859	40%	97.5%	97.8%
SAU801683	CAC102528	45%	99.1%	99.2%
SAU801683	CBO100249	47%	99.1%	95.2%
SAU801683	CDF102396	47%	99.2%	93.6%
SAU801683	CDP100262	40%	88.8%	87.3%
SAU801683	EBC102990	43%	98.4%	98.1%
SAU801683	EFA200266	67%	98.6%	98.9%
SAU801683	EFM200127	67%	98.8%	98.9%
SAU801683	ECO101687	43%	98.4%	98.1%
SAU801683	HIN101333	41%	98.9%	98.4%
SAU801683	HPY100121	41%	90.2%	93.5%
SAU801683	KPN300773	43%	95.7%	98.4%
SAU801683	LPN100924	45%	94.9%	99.7%
SAU801683	LMO102823	72%	98.6%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801683	MCA103158	43%	99.5%	99.4%
SAU801683	MAV102514	41%	90.1%	88.2%
SAU801683	MBV100785	40%	92.1%	88.5%
SAU801683	MLP100282	39%	96.3%	91.0%
SAU801683	MTU202577	40%	92.1%	89.2%
SAU801683	MGE100386	42%	81.6%	92.7%
SAU801683	MPN100289	41%	82.3%	93.6%
SAU801683	NGO101849	44%	98.6%	97.1%
SAU801683	NME200854	44%	98.6%	98.7%
SAU801683	PMU100593	41%	98.9%	98.4%
SAU801683	PRT105628	42%	98.4%	98.1%
SAU801683	PAE202742	41%	97.1%	96.9%
SAU801683	PPU103710	41%	97.2%	97.0%
SAU801683	PSY102599	42%	97.1%	96.9%
SAU801683	SPA100654	41%	75.0%	96.1%
SAU801683	STY101132	43%	98.4%	98.1%
SAU801683	STM103445	43%	98.4%	98.1%
SAU801683	SAU801683	100%	100%	100%
SAU801683	SEP201666	89%	100%	100%
SAU801683	SHA100279	92%	75.8%	100%
SAU801683	SMU101079	64%	99.1%	98.8%
SAU801683	SPN401471	63%	99.1%	97.1%
SAU801683	SPY200371	63%	99.1%	98.8%
SAU801683	TPA100828	41%	85.1%	92.4%
SAU801683	UUR100540	49%	88.5%	98.8%
SAU801683	VCH103018	42%	98.9%	98.8%
SAU801683	YPS003070	42%	98.4%	98.1%
SAU801687	ABA101897	42%	94.4%	97.9%
SAU801687	BAN112255	62%	98.5%	98.8%
SAU801687	BFR105929	48%	95.6%	98.8%
SAU801687	BPT100913	48%	98.2%	100%
SAU801687	BBU100057	50%	95.0%	98.8%
SAU801687	BCE100315	50%	95.3%	97.9%
SAU801687	BMA104624	49%	95.3%	97.9%
SAU801687	CBO101733	52%	97.4%	99.7%
SAU801687	CDF104406	52%	97.4%	99.7%
SAU801687	EBC101178	50%	94.1%	96.7%
SAU801687	ECO101747	47%	96.2%	99.4%
SAU801687	HIN100001	46%	96.2%	98.5%
SAU801687	HPY101328	41%	96.2%	99.1%
SAU801687	KPN301260	49%	94.1%	96.7%
SAU801687	LPN102268	52%	96.2%	99.1%
SAU801687	MCA100654	37%	95.9%	95.3%
SAU801687	NGO100736	49%	97.1%	98.3%
SAU801687	NME200057	48%	97.1%	98.3%
SAU801687	PRT101067	46%	96.2%	99.4%
SAU801687	PAE203193	50%	96.8%	99.1%
SAU801687	PPU103462	51%	94.7%	97.3%
SAU801687	PSY104227	51%	94.7%	97.3%
SAU801687	SPA101906	43%	97.1%	99.1%
SAU801687	STY101244	48%	96.2%	99.4%
SAU801687	SAU801687	100%	100%	100%
SAU801687	SEP201680	82%	99.7%	99.7%
SAU801687	TPA100835	41%	95.0%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801694	ABA105254	61%	99.3%	96.9%
SAU801694	BAN112004	77%	99.5%	97.7%
SAU801694	BFR10209	60%	99.1%	99.2%
SAU801694	BPT102694	62%	99.1%	97.1%
SAU801694	BCE100542	64%	84.6%	96.6%
SAU801694	BFU100077	62%	57.1%	96.2%
SAU801694	BMA102395	63%	99.3%	97.1%
SAU801694	CAC100329	38%	95.0%	98.2%
SAU801694	CBO103577	37%	95.0%	98.5%
SAU801694	CDF102339	38%	94.5%	98.2%
SAU801694	EBC103518	62%	99.1%	97.4%
SAU801694	ECO101109	62%	99.1%	97.4%
SAU801694	HPY100026	61%	99.1%	96.7%
SAU801694	KPN301139	64%	85.5%	93.0%
SAU801694	LPN103112	66%	31.5%	100%
SAU801694	LMO101307	77%	99.1%	99.5%
SAU801694	PMU101606	61%	99.1%	97.6%
SAU801694	PRT100717	50%	11.8%	100%
SAU801694	PRT100403	64%	98.8%	97.1%
SAU801694	PAE202621	62%	99.5%	97.6%
SAU801694	PPU100885	61%	98.8%	96.9%
SAU801694	SPA104215	59%	99.1%	98.1%
SAU801694	STY102941	62%	99.1%	97.4%
SAU801694	STM102772	62%	99.1%	97.4%
SAU801694	SAU801694	100%	100%	100%
SAU801694	SEP201686	93%	100%	100%
SAU801694	SHA100973	92%	100%	100%
SAU801694	SMU100855	56%	99.3%	98.5%
SAU801694	YPS000338	61%	99.1%	97.4%
SAU801695	ABA106072	35%	97.9%	95.3%
SAU801695	BAN107073	56%	98.4%	98.9%
SAU801695	BFR11387	33%	99.2%	94.8%
SAU801695	BPT101641	35%	97.9%	91.8%
SAU801695	BCE115034	36%	97.9%	94.1%
SAU801695	BFU102001	35%	97.9%	94.3%
SAU801695	BFU100604	36%	98.1%	93.2%
SAU801695	BMA104539	37%	97.9%	94.1%
SAU801695	CJU101587	35%	97.6%	90.3%
SAU801695	CDP100042	36%	99.7%	91.1%
SAU801695	EBC101675	34%	96.5%	88.1%
SAU801695	ECO100325	36%	98.1%	94.6%
SAU801695	HPY100025	34%	95.2%	89.7%
SAU801695	KPN302561	34%	96.5%	88.5%
SAU801695	LPN101295	37%	99.7%	99.7%
SAU801695	LMO101744	54%	98.9%	99.2%
SAU801695	MCA103218	38%	94.1%	85.6%
SAU801695	MAV103161	38%	96.8%	96.5%
SAU801695	MBV104689	38%	97.1%	91.9%
SAU801695	MLP101277	34%	93.0%	84.2%
SAU801695	MTU201116	38%	97.1%	91.9%
SAU801695	NGO100564	37%	97.9%	95.5%
SAU801695	NME201898	37%	97.9%	95.6%
SAU801695	PMU100276	33%	92.8%	84.3%
SAU801695	PRT102070	33%	96.5%	88.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801695	PAE200794	41%	98.1%	97.3%
SAU801695	PPU111305	41%	98.1%	97.3%
SAU801695	PSY105567	39%	98.1%	96.3%
SAU801695	SPA102598	34%	93.6%	95.9%
SAU801695	STY104558	36%	97.9%	94.3%
SAU801695	STM104272	35%	97.9%	94.3%
SAU801695	SAU801695	100%	100%	100%
SAU801695	SEP201687	85%	99.7%	99.7%
SAU801695	SHA100972	82%	99.7%	100%
SAU801695	SMU100854	49%	99.7%	100%
SAU801695	VCH101317	37%	98.1%	97.1%
SAU801695	YPS002059	35%	96.5%	88.3%
SAU801697	BAN102623	60%	100%	100%
SAU801697	BFR102996	41%	81.4%	96.5%
SAU801697	BPT102404	37%	80.2%	96.9%
SAU801697	BBU100347	43%	80.9%	97.9%
SAU801697	BCE107531	40%	80.9%	85.7%
SAU801697	BFU103511	40%	80.9%	75.2%
SAU801697	BMA100592	39%	80.9%	99.2%
SAU801697	CJU100360	44%	80.2%	97.5%
SAU801697	CPN200665	39%	81.7%	98.6%
SAU801697	CTR200601	42%	76.9%	93.8%
SAU801697	CAC102744	53%	80.7%	99.8%
SAU801697	CBO103563	49%	100%	100%
SAU801697	CDF101154	50%	100%	99.3%
SAU801697	CDP101191	41%	81.2%	98.9%
SAU801697	EBC101988	38%	80.7%	99.2%
SAU801697	EFA202113	60%	99.1%	99.1%
SAU801697	EFM201839	52%	99.1%	99.2%
SAU801697	ECO101644	48%	80.7%	100%
SAU801697	HIN101541	40%	77.8%	95.8%
SAU801697	KPN306162	51%	73.2%	100%
SAU801697	LPN100837	36%	76.4%	99.1%
SAU801697	LMO101206	58%	99.1%	99.1%
SAU801697	MAV106549	40%	81.0%	99.2%
SAU801697	MBV101766	38%	76.6%	99.5%
SAU801697	MLP100794	39%	81.0%	99.2%
SAU801697	MTU201596	38%	81.0%	99.2%
SAU801697	MGE100220	40%	58.3%	72.2%
SAU801697	MPN100533	41%	58.3%	72.2%
SAU801697	NGO101773	40%	79.7%	96.3%
SAU801697	NME200171	40%	79.7%	96.3%
SAU801697	PMU100653	39%	79.1%	97.3%
SAU801697	PRT102320	47%	80.7%	100%
SAU801697	PAE201497	37%	81.5%	99.0%
SAU801697	PPU107170	39%	80%	98.3%
SAU801697	PSY105033	39%	81.4%	99.4%
SAU801697	SPA101649	53%	45.0%	100%
SAU801697	STY101028	47%	80.7%	100%
SAU801697	STM101984	38%	80.2%	98.3%
SAU801697	SAU801697	100%	100%	100%
SAU801697	SEP201702	89%	100%	100%
SAU801697	SHA100298	88%	77.8%	100%
SAU801697	SMU101016	42%	80.5%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801697	SPN400797	42%	80.5%	99.4%
SAU801697	SPY200985	42%	80.5%	99.4%
SAU801697	UUR100186	38%	56.9%	75.3%
SAU801697	VCH100480	50%	80.7%	100%
SAU801697	YPS002962	47%	80.7%	100%
SAU801698	BAN100067	60%	100%	95.3%
SAU801698	BFR11519	47%	100%	90.9%
SAU801698	BBU100726	26%	90.6%	71.0%
SAU801698	CPN200599	24%	68.1%	41.2%
SAU801698	CTR200472	23%	64.8%	39.1%
SAU801698	CAC100105	50%	99.7%	95.0%
SAU801698	CBO101518	47%	99.7%	92.7%
SAU801698	CDF101157	57%	100%	95.3%
SAU801698	CDP100166	35%	93.8%	90.6%
SAU801698	EBC106796	50%	99.3%	94.7%
SAU801698	EFA202114	53%	99.7%	95%
SAU801698	EFM200509	54%	99.7%	95%
SAU801698	ECO103822	48%	99.3%	94.7%
SAU801698	HIN100963	47%	99.3%	94.7%
SAU801698	KPN300184	56%	7.5%	41.1%
SAU801698	KPN306771	48%	99.3%	94.7%
SAU801698	LPN100265	25%	83.1%	64.5%
SAU801698	LMO100385	59%	100%	95.3%
SAU801698	MAV101408	36%	90.6%	87.8%
SAU801698	MBV103661	37%	90.6%	87.8%
SAU801698	MLP101042	36%	90.6%	87.8%
SAU801698	MTU202972	37%	90.6%	87.8%
SAU801698	MGE100219	35%	93.8%	89.8%
SAU801698	MPN100534	38%	93.8%	88.4%
SAU801698	PMU100069	46%	99.3%	94.7%
SAU801698	PRT100706	47%	99.3%	93.8%
SAU801698	SPA101674	49%	99.3%	94.7%
SAU801698	STY103207	49%	99.3%	94.7%
SAU801698	STM101597	49%	99.3%	94.7%
SAU801698	SAU801698	100%	100%	100%
SAU801698	SEP201703	84%	100%	100%
SAU801698	SHA100297	81%	100%	95.3%
SAU801698	SMU101017	50%	90.9%	82.8%
SAU801698	SPN400796	56%	90.9%	83.0%
SAU801698	SPY200986	53%	90.9%	82.8%
SAU801698	TPA100107	25%	95.1%	74.2%
SAU801698	UUR100185	24%	92.5%	89.4%
SAU801698	VCH102652	50%	99.3%	91.5%
SAU801698	YPS001617	48%	99.3%	94.8%
SAU801700	ABA100308	52%	83.8%	96.0%
SAU801700	BAN105768	63%	98.4%	95.4%
SAU801700	BPT101398	52%	99.7%	97.5%
SAU801700	BCE106451	53%	99.7%	96.9%
SAU801700	BFU100947	53%	99.7%	96.9%
SAU801700	BMA107589	53%	99.7%	96.9%
SAU801700	CJU100411	51%	99.7%	98.4%
SAU801700	CPN200335	48%	99.4%	96.3%
SAU801700	CTR200529	48%	99.4%	96.3%
SAU801700	CAC100492	60%	84.1%	96.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801700	CBO102220	56%	88.9%	50.3%
SAU801700	CDF101403	55%	95.5%	95.5%
SAU801700	EBC102554	53%	98.4%	97.8%
SAU801700	EFA200247	53%	80.6%	96.6%
SAU801700	EFM200190	56%	80.6%	96.9%
SAU801700	ECO100185	52%	98.4%	97.8%
SAU801700	HIN100386	53%	98.4%	97.8%
SAU801700	HPY100550	48%	99.7%	97.8%
SAU801700	KPN301921	53%	98.4%	97.8%
SAU801700	LPN101352	52%	85.0%	98.9%
SAU801700	LMO100159	60%	99.0%	97.8%
SAU801700	MCA100190	53%	80.3%	98.4%
SAU801700	MLP101010	25%	44.9%	29.0%
SAU801700	NGO100369	50%	99.7%	98.1%
SAU801700	NME201237	50%	99.7%	98.1%
SAU801700	PMU100292	53%	98.4%	97.8%
SAU801700	PRT100667	51%	98.4%	97.8%
SAU801700	PRT101241	51%	98.4%	97.8%
SAU801700	PAE203637	52%	98.7%	98.1%
SAU801700	PPU101171	51%	98.4%	98.1%
SAU801700	PSY108491	50%	98.4%	97.5%
SAU801700	SPA100816	47%	89.2%	99.3%
SAU801700	STY103916	53%	98.4%	97.8%
SAU801700	STM103628	53%	98.4%	97.8%
SAU801700	SAU801700	100%	100%	100%
SAU801700	SEP201704	85%	100%	100%
SAU801700	SHA100923	86%	100%	99.7%
SAU801700	SMU100529	56%	79.0%	95.3%
SAU801700	SPN400387	56%	79.9%	96.9%
SAU801700	SPY201342	56%	79.0%	95.3%
SAU801700	VCH102210	52%	98.4%	97.8%
SAU801700	YPS001157	54%	98.4%	97.8%
SAU801701	ABA101266	42%	86.3%	83.2%
SAU801701	BAN103283	66%	98.6%	96.9%
SAU801701	BFR11219	27%	65.3%	34.0%
SAU801701	BFR11611	29%	76.8%	89.6%
SAU801701	BFR11899	29%	64.6%	33.9%
SAU801701	BPT100791	46%	94.0%	94.5%
SAU801701	BCE105100	57%	44.9%	94.1%
SAU801701	BFU114977	42%	91.6%	91.4%
SAU801701	BMA103750	43%	90.2%	89.7%
SAU801701	CJU100116	46%	97.2%	97.5%
SAU801701	CPN200705	46%	86.3%	80.8%
SAU801701	CTR200558	46%	86.3%	88.0%
SAU801701	CAC103552	58%	95.1%	98.2%
SAU801701	CDF101011	50%	98.9%	100%
SAU801701	CDP100046	35%	76.5%	43.1%
SAU801701	EBC101249	46%	83.9%	96.0%
SAU801701	EFA200246	53%	95.1%	96.5%
SAU801701	EFM200144	51%	95.8%	96.2%
SAU801701	ECO102274	47%	91.6%	86.8%
SAU801701	HIN101232	47%	90.5%	88.2%
SAU801701	HPY100934	47%	96.8%	95.5%
SAU801701	KPN302817	46%	91.6%	86.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801701	LPN101645	49%	66.0%	85.8%
SAU801701	LMO101514	60%	98.2%	95.6%
SAU801701	MCA101005	47%	63.2%	95.7%
SAU801701	MAV105603	37%	76.8%	44.3%
SAU801701	MBV105423	38%	74.0%	42.2%
SAU801701	MLP100072	31%	64.9%	78.9%
SAU801701	MTU200895	38%	74.0%	42.2%
SAU801701	NGO100954	44%	90.2%	89.7%
SAU801701	NME200815	44%	90.5%	90%
SAU801701	PMU100636	47%	90.5%	85.9%
SAU801701	PRT103138	29%	29.5%	70.2%
SAU801701	PRT100424	46%	91.6%	82.5%
SAU801701	PAE203110	45%	90.9%	90.3%
SAU801701	PPU105860	45%	90.2%	87.5%
SAU801701	PSY101722	44%	90.2%	85.0%
SAU801701	SPA100127	43%	47.7%	61.8%
SAU801701	STY101011	46%	91.6%	86.8%
SAU801701	SAU801701	100%	100%	100%
SAU801701	SEP201705	90%	99.6%	99.6%
SAU801701	SHA100922	88%	100%	99.3%
SAU801701	SMU100531	50%	95.1%	96.9%
SAU801701	SPN400386	48%	95.4%	96.9%
SAU801701	SPY201343	47%	95.1%	96.9%
SAU801701	VCH100983	46%	91.6%	85.7%
SAU801701	YPS002401	46%	91.6%	86.8%
SAU801703	ABA101411	32%	91.1%	87.3%
SAU801703	BAN112326	40%	93.0%	92.9%
SAU801703	BFR102018	32%	71.5%	61.8%
SAU801703	BPT101552	31%	94.5%	93.1%
SAU801703	BBU100578	33%	98.2%	96.8%
SAU801703	BCE115231	33%	90.6%	88.1%
SAU801703	BFU107633	33%	90.6%	86.9%
SAU801703	BMA101634	33%	90.6%	88.3%
SAU801703	CJU100668	36%	8.8%	11.4%
SAU801703	CPN200079	35%	10.0%	15.6%
SAU801703	CTR200821	31%	94.2%	91.0%
SAU801703	CAC103161	35%	91.9%	91.9%
SAU801703	CBO100607	32%	99.7%	99.3%
SAU801703	CBO101196	32%	99.6%	98.7%
SAU801703	CDF101163	35%	92.4%	90.7%
SAU801703	CDP101233	36%	14.1%	16.2%
SAU801703	EBC102553	32%	93.8%	93.0%
SAU801703	EFA202115	37%	97.0%	96.8%
SAU801703	EFM200294	38%	91.1%	90.8%
SAU801703	ECO100184	33%	93.8%	93.0%
SAU801703	HIN100720	32%	93.8%	92.9%
SAU801703	HPY101439	30%	93.4%	91.7%
SAU801703	KPN301922	32%	93.8%	93.0%
SAU801703	LPN102982	33%	97.5%	97.0%
SAU801703	LMO100629	40%	95.8%	97.4%
SAU801703	MCA102321	33%	83.2%	81.0%
SAU801703	MAV103371	32%	92.0%	92.1%
SAU801703	MBV102577	31%	92.0%	93.1%
SAU801703	MLP100747	32%	92.0%	92.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801703	MTU201526	31%	92.0%	91.8%
SAU801703	MGE100266	31%	77.2%	95.5%
SAU801703	MPN100459	33%	72.3%	89.2%
SAU801703	NGO101860	31%	92.8%	92.4%
SAU801703	NME200585	32%	92.8%	92.4%
SAU801703	PMU100034	32%	93.8%	92.9%
SAU801703	PRT101242	33%	92.0%	92.9%
SAU801703	PAE203638	32%	90.6%	90.5%
SAU801703	PPU100137	32%	93.9%	93.4%
SAU801703	PSY104339	31%	90.6%	90.5%
SAU801703	SPA100912	31%	93.8%	93.7%
SAU801703	STY103914	33%	93.8%	93.0%
SAU801703	STM103627	33%	93.8%	93.0%
SAU801703	SAU801703	100%	100%	100%
SAU801703	SEP201707	70%	100%	100%
SAU801703	SHA100359	68%	99.7%	97.1%
SAU801703	SMU101018	33%	92.8%	93.5%
SAU801703	SPN400795	34%	92.4%	92.3%
SAU801703	SPY200987	34%	92.4%	93.1%
SAU801703	TPA100661	34%	93.7%	90.8%
SAU801703	UUR100419	35%	87.5%	94.8%
SAU801703	VCH102211	31%	94.5%	93.3%
SAU801703	YPS001155	33%	92.9%	91.5%
SAU801712	BAN110414	35%	96.8%	98.8%
SAU801712	EFA202191	33%	71.4%	95.6%
SAU801712	EFM201485	35%	80.3%	76.4%
SAU801712	HIN100304	26%	31.4%	40.7%
SAU801712	LMO102042	34%	99.0%	100%
SAU801712	PMU100985	25%	31.4%	40.7%
SAU801712	PAE201895	23%	30.2%	21.1%
SAU801712	SAU801712	100%	100%	100%
SAU801712	SEP201729	83%	100%	100%
SAU801712	SHA100433	82%	100%	100%
SAU801712	SMU100537	30%	94.3%	89.3%
SAU801712	SPN401853	35%	79.0%	77.0%
SAU801712	SPY200081	33%	82.2%	80.1%
SAU801719	ABA100128	47%	100%	100%
SAU801719	BAN103804	78%	100%	100%
SAU801719	BFR10425	48%	100%	100%
SAU801719	BPT100895	43%	100%	100%
SAU801719	BBU100614	39%	100%	98.6%
SAU801719	BCE103241	44%	100%	100%
SAU801719	BFU101595	44%	100%	100%
SAU801719	BMA100015	44%	100%	100%
SAU801719	CJU101500	46%	100%	100%
SAU801719	CPN200012	40%	99.5%	98.6%
SAU801719	CTR200903	43%	99.5%	98.6%
SAU801719	CAC102218	42%	100%	100%
SAU801719	CBO101434	44%	100%	100%
SAU801719	CDF103315	49%	86.5%	90.6%
SAU801719	CDP100020	50%	100%	100%
SAU801719	EBC103653	47%	100%	100%
SAU801719	EFA202012	66%	100%	99.0%
SAU801719	ECO103219	47%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801719	HIN100782	47%	100%	100%
SAU801719	HPY101276	47%	100%	100%
SAU801719	KPN300702	47%	100%	100%
SAU801719	LMO100680	75%	100%	100%
SAU801719	MCA100425	46%	100%	100%
SAU801719	MAV101010	48%	100%	100%
SAU801719	MBV100325	46%	100%	100%
SAU801719	MLP101195	47%	100%	100%
SAU801719	MTU203411	46%	100%	100%
SAU801719	MGE100317	42%	99%	98.0%
SAU801719	MPN100395	44%	99%	98.0%
SAU801719	NGO100887	47%	100%	100%
SAU801719	NME200098	47%	100%	100%
SAU801719	PMU101391	48%	100%	100%
SAU801719	PRT104446	48%	100%	100%
SAU801719	PAE204237	46%	100%	100%
SAU801719	PPU108168	47%	100%	100%
SAU801719	PSY107923	42%	100%	100%
SAU801719	SPA104316	47%	100%	100%
SAU801719	STY101827	47%	100%	100%
SAU801719	SAU801719	100%	100%	100%
SAU801719	SEP201745	93%	100%	100%
SAU801719	SHA100142	92%	100%	100%
SAU801719	SMU101344	66%	100%	99.0%
SAU801719	SPN400078	65%	100%	99.0%
SAU801719	SPY201664	65%	100%	99.0%
SAU801719	TPA100303	41%	94%	94.6%
SAU801719	UUR100503	48%	100%	99.0%
SAU801719	VCH102535	47%	100%	100%
SAU801719	YPS002492	45%	100%	100%
SAU801722	BFU111473	28%	73.0%	55.5%
SAU801722	KPN305062	23%	86.5%	88.8%
SAU801722	SAU801722	100%	100%	100%
SAU801722	SEP201747	65%	96.6%	97.9%
SAU801722	SHA101468	65%	90.5%	100%
SAU801723	ABA103811	23%	93.0%	91.1%
SAU801723	BAN112134	22%	77.9%	82.1%
SAU801723	BAN108173	23%	91.2%	96.4%
SAU801723	BFR11044	24%	91.2%	97.5%
SAU801723	BCE109919	27%	89.4%	96.3%
SAU801723	BFU103313	28%	86.5%	90.2%
SAU801723	BMA103073	28%	89.4%	96.3%
SAU801723	CAC101326	28%	91.9%	98.3%
SAU801723	CBO103823	29%	91.9%	98.0%
SAU801723	CDF100905	29%	91.9%	97.8%
SAU801723	EBC100388	22%	53.0%	98.0%
SAU801723	EFA202078	25%	95.8%	96.5%
SAU801723	EFM101508	25%	49.6%	96.0%
SAU801723	ECO100882	22%	50.6%	55.0%
SAU801723	HPY100724	31%	92.7%	94.0%
SAU801723	KPN302433	23%	92.7%	90.8%
SAU801723	MCA100242	26%	53.2%	56%
SAU801723	PRT102617	21%	71.4%	76.0%
SAU801723	PAE201309	23%	69.6%	71.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801723	PPU111438	22%	93.0%	97.3%
SAU801723	SPA103653	26%	77.1%	81.2%
SAU801723	STY100702	24%	91.2%	96.2%
SAU801723	STM100412	25%	91.2%	96.2%
SAU801723	SAU801723	100%	100%	100%
SAU801723	SEP201749	75%	99.7%	100%
SAU801723	SHA100581	70%	99.2%	99.2%
SAU801723	SMU101221	20%	44.9%	52.9%
SAU801723	VCH100387	28%	87.5%	91.7%
SAU801723	YPS001257	23%	50.6%	54.8%
SAU801726	EBC101577	48%	98.8%	100%
SAU801726	EFA201939	51%	99.6%	72.6%
SAU801726	EFM200960	51%	99.6%	72.7%
SAU801726	KPN100130	42%	65.4%	98.4%
SAU801726	PMU100876	49%	99.4%	98.8%
SAU801726	PRT101158	48%	98.0%	71.2%
SAU801726	SAU801726	100%	100%	100%
SAU801726	SEP202071	77%	100%	99.8%
SAU801726	SHA100570	76%	100%	100%
SAU801726	YPS001239	48%	98.0%	71.5%
SAU801727	ABA100079	26%	70.7%	77.9%
SAU801727	BAN103991	44%	80%	83.2%
SAU801727	BAN111056	44%	96.6%	97.5%
SAU801727	BFR105109	25%	62.4%	46.1%
SAU801727	BPT101209	24%	73.7%	64.9%
SAU801727	BBU100037	24%	82.9%	72%
SAU801727	BCE112943	25%	67.8%	27.5%
SAU801727	BFU101555	27%	77.1%	64.7%
SAU801727	BMA102538	29%	78.0%	63.7%
SAU801727	CJU100479	25%	56.1%	50.9%
SAU801727	CPN200177	23%	93.2%	92.5%
SAU801727	CTR200728	24%	78.5%	78.2%
SAU801727	CAC103311	25%	96.1%	83.8%
SAU801727	CBO103145	25%	88.3%	77.5%
SAU801727	CDF100095	34%	81.0%	82.3%
SAU801727	CDP101961	30%	73.2%	24.9%
SAU801727	EBC100878	23%	81.0%	70.1%
SAU801727	EFA200862	34%	91.2%	93.8%
SAU801727	EFM200018	33%	96.6%	88.6%
SAU801727	ECO102952	23%	81.0%	69.8%
SAU801727	HIN100714	26%	83.4%	75%
SAU801727	HPY101330	32%	62.4%	54.2%
SAU801727	KPN305544	25%	55.1%	49.0%
SAU801727	LPN102983	30%	79.0%	69.5%
SAU801727	LMO100144	41%	97.1%	97.0%
SAU801727	MAV103253	25%	72.7%	60%
SAU801727	MBV105256	31%	62.4%	51.0%
SAU801727	MLP100059	25%	72.7%	59.5%
SAU801727	MTU203761	31%	62.4%	51.0%
SAU801727	MGE100216	25%	63.4%	53.0%
SAU801727	MPN100537	22%	70.2%	56.0%
SAU801727	NGO100013	30%	65.9%	55.5%
SAU801727	NME200377	31%	69.3%	58.3%
SAU801727	PMU102001	22%	73.2%	76.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801727	PRT101005	25%	86.8%	75.1%
SAU801727	PAE200005	29%	59.5%	47.9%
SAU801727	PPU103632	25%	71.7%	59.4%
SAU801727	PSY103533	29%	70.2%	58.2%
SAU801727	SPA103206	25%	46.3%	95.1%
SAU801727	STY100460	23%	81.0%	69.8%
SAU801727	SAU801727	100%	100%	100%
SAU801727	SEP202072	80%	100%	99.0%
SAU801727	SHA100569	80%	100%	99.0%
SAU801727	SMU100763	32%	96.1%	78%
SAU801727	SPN401464	34%	95.6%	73.5%
SAU801727	SPY201080	32%	96.1%	71.7%
SAU801727	VCH101936	26%	66.8%	22.7%
SAU801727	YPS002560	28%	63.9%	62.9%
SAU801729	ABA100977	27%	94.0%	92.2%
SAU801729	BAN112022	61%	98.8%	99.5%
SAU801729	BFR102131	47%	98.1%	98.6%
SAU801729	BPT102833	27%	90.5%	86.8%
SAU801729	BBU100369	40%	98.8%	99.3%
SAU801729	BCE105055	26%	94.5%	93.2%
SAU801729	BFU103526	26%	90.5%	85.1%
SAU801729	BMA103960	27%	94.5%	81.4%
SAU801729	CJU101196	26%	94.0%	93.8%
SAU801729	CPN200392	39%	90.7%	91.7%
SAU801729	CTR200327	39%	97.4%	97.6%
SAU801729	CAC102127	43%	99.3%	99.3%
SAU801729	CBO100352	46%	98.6%	98.5%
SAU801729	CDF100316	26%	94.3%	97.7%
SAU801729	CDP101017	44%	98.8%	99.0%
SAU801729	EBC101794	48%	98.3%	98.1%
SAU801729	EFA201026	58%	99.8%	100%
SAU801729	EFM101163	56%	98.1%	98.3%
SAU801729	ECO101607	48%	98.3%	98.1%
SAU801729	HIN101577	28%	98.8%	96.8%
SAU801729	HPY100761	28%	94.0%	93.5%
SAU801729	KPN300735	41%	83.3%	99.2%
SAU801729	LPN101252	27%	91.2%	89.8%
SAU801729	LMO100615	59%	99.0%	99.5%
SAU801729	MCA103163	27%	96.7%	94.6%
SAU801729	MAV104042	44%	98.1%	98.1%
SAU801729	MBV103086	43%	97.4%	97.9%
SAU801729	MLP100838	44%	98.1%	98.1%
SAU801729	MTU201668	43%	98.1%	97.9%
SAU801729	MGE100464	34%	99.3%	96.1%
SAU801729	MPN100173	36%	99.3%	98.2%
SAU801729	NGO101762	48%	98.3%	98.8%
SAU801729	NME200576	49%	98.3%	98.8%
SAU801729	PMU100755	28%	98.8%	98.2%
SAU801729	PRT103206	48%	92.9%	98.5%
SAU801729	PAE204135	39%	97.6%	96.1%
SAU801729	PPU102660	30%	88.8%	89.0%
SAU801729	PSY103333	31%	86.2%	85.4%
SAU801729	SPA102382	48%	98.3%	99.0%
SAU801729	STY100579	48%	98.3%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801729	STM104067	48%	98.3%	98.1%
SAU801729	SAU801729	100%	100%	100%
SAU801729	SEP202075	89%	100%	99.8%
SAU801729	SHA101242	86%	100%	100%
SAU801729	SMU100562	55%	98.8%	99.5%
SAU801729	SPN401907	52%	98.8%	99.5%
SAU801729	SPY200069	55%	98.8%	99.5%
SAU801729	TPA100825	38%	97.9%	95.4%
SAU801729	UUR100116	44%	98.3%	98.1%
SAU801729	VCH100460	49%	99.0%	96.1%
SAU801729	YPS002930	48%	98.8%	98.6%
SAU801731	BAN111612	27%	13.2%	11.7%
SAU801731	BAN104612	23%	20.1%	70.9%
SAU801731	BAN104171	27%	11.2%	68.4%
SAU801731	BAN109296	23%	29.2%	47.3%
SAU801731	CAC102751	23%	22.3%	33.1%
SAU801731	LMO100495	23%	59.6%	62.7%
SAU801731	SAU801129	42%	0.7%	37.1%
SAU801731	SAU801731	100%	100%	100%
SAU801731	SMU100069	26%	10.2%	13.5%
SAU801733	ABA104697	39%	97.4%	90.0%
SAU801733	BAN107191	68%	100%	99.8%
SAU801733	BPT101744	36%	94.2%	87.1%
SAU801733	BCE108358	31%	8.1%	38.2%
SAU801733	BCE107626	38%	91.7%	81.5%
SAU801733	BFU102771	37%	94.2%	87.3%
SAU801733	BMA105405	39%	91.7%	85%
SAU801733	CJU101446	37%	95.2%	88.0%
SAU801733	EBC104475	39%	97.4%	86.1%
SAU801733	ECO103963	38%	99.3%	90.6%
SAU801733	HPY101028	37%	94.2%	86.7%
SAU801733	KPN304710	38%	99.3%	91.2%
SAU801733	LPN103537	38%	91.2%	86.4%
SAU801733	MAV102747	38%	95.4%	88.8%
SAU801733	MBV104988	38%	95.4%	89.2%
SAU801733	MTU203613	38%	95.4%	89.2%
SAU801733	PMU100692	39%	94.2%	87.1%
SAU801733	PRT105882	37%	93.7%	84.1%
SAU801733	PAE204729	40%	93.8%	87.3%
SAU801733	PPU108448	36%	95.2%	89.6%
SAU801733	PSY103165	38%	93.7%	90.2%
SAU801733	SPA101860	35%	99.3%	91.5%
SAU801733	STY102326	37%	99.3%	90.6%
SAU801733	STM104274	28%	93.8%	90.8%
SAU801733	SAU801733	100%	100%	100%
SAU801733	SHA101238	83%	100%	99.8%
SAU801733	VCH100294	37%	93.7%	84.7%
SAU801733	YPS002593	38%	98.6%	91.0%
SAU801738	ABA106084	26%	79.9%	39.5%
SAU801738	BCE103763	21%	53.5%	73.2%
SAU801738	BFU115601	24%	43.8%	28.5%
SAU801738	CJU101364	29%	42.9%	51.9%
SAU801738	CTR200035	22%	83.8%	24.6%
SAU801738	EBC102124	26%	72.6%	60.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801738	ECO100722	28%	76.1%	60.6%
SAU801738	HPY100318	22%	88.3%	34.1%
SAU801738	KPN300668	29%	35.8%	60.4%
SAU801738	MCA101042	18%	72.1%	92.1%
SAU801738	MAV108037	27%	31.0%	47.2%
SAU801738	MAV100245	25%	41.2%	56.0%
SAU801738	NGO101025	22%	23.5%	77.5%
SAU801738	PMU100968	26%	86.1%	36.2%
SAU801738	PAE200970	23%	81.4%	47.6%
SAU801738	PPU108649	28%	88.1%	40.1%
SAU801738	PSY105487	24%	82.7%	58.0%
SAU801738	SPA100196	27%	86.3%	62.8%
SAU801738	STY101950	26%	87.2%	60.4%
SAU801738	STM101679	27%	85.2%	57.2%
SAU801738	SAU801738	100%	100%	100%
SAU801738	SEP202090	34%	94.7%	92.4%
SAU801738	SHA103272	46%	21.2%	36.5%
SAU801738	SPN400121	23%	69.9%	23.9%
SAU801738	SPN401992	21%	79.9%	61.3%
SAU801738	TPA100466	23%	26.1%	66.7%
SAU801738	VCH101807	23%	40.7%	57.3%
SAU801738	YPS002074	26%	73.9%	49.5%
SAU801740	ABA100629	33%	95.7%	92.1%
SAU801740	BAN108290	64%	98.6%	98.9%
SAU801740	BFR104492	27%	96.3%	98.7%
SAU801740	BPT102999	32%	96.1%	96.8%
SAU801740	BBU100816	32%	86.3%	85.9%
SAU801740	BCE114835	30%	95.7%	95.5%
SAU801740	BFU100404	30%	92.4%	97.1%
SAU801740	BMA107598	31%	95.7%	95.5%
SAU801740	CJU100982	29%	99.5%	99.5%
SAU801740	CTR200138	29%	97.5%	52.3%
SAU801740	CAC101140	33%	97.5%	97.2%
SAU801740	CBO102681	34%	97.7%	96.7%
SAU801740	CDF104436	33%	97.5%	99.3%
SAU801740	CDP101264	29%	98.6%	98.1%
SAU801740	EBC101801	28%	96.3%	91.9%
SAU801740	EFA202282	61%	97.0%	95.5%
SAU801740	EFM200546	60%	97.0%	95.7%
SAU801740	ECO100091	29%	96.3%	91.9%
SAU801740	HIN101113	28%	95.9%	93.5%
SAU801740	HPY100615	29%	95.2%	94.4%
SAU801740	KPN301848	29%	96.3%	91.9%
SAU801740	LPN102520	33%	95.9%	94.5%
SAU801740	LMO102778	59%	97.7%	95.5%
SAU801740	MCA100897	32%	96.6%	90.9%
SAU801740	MAV103971	30%	61.3%	86.7%
SAU801740	MBV100529	28%	98.4%	94.7%
SAU801740	MLP100570	29%	95.2%	91.9%
SAU801740	MTU202118	28%	98.4%	94.7%
SAU801740	NGO100584	31%	98.2%	97.9%
SAU801740	NME201905	32%	98.2%	90.7%
SAU801740	PMU100143	28%	95.9%	92.1%
SAU801740	PRT102633	29%	96.3%	92.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801740	PAE204409	32%	96.6%	91.2%
SAU801740	PPU111777	33%	96.6%	90.9%
SAU801740	PSY103843	33%	96.6%	91.4%
SAU801740	SPA101847	27%	98.2%	96.0%
SAU801740	STY103177	27%	98.9%	93.9%
SAU801740	STM102889	27%	98.9%	93.9%
SAU801740	SAU801740	100%	100%	100%
SAU801740	SEP202092	84%	100%	100%
SAU801740	SHA100218	80%	56.3%	100%
SAU801740	SMU100523	50%	97.7%	97.1%
SAU801740	SPN401372	49%	97.0%	96.4%
SAU801740	SPY200251	50%	97.9%	97.3%
SAU801740	TPA100337	29%	85.1%	82.7%
SAU801740	VCH102365	29%	95.9%	87.7%
SAU801740	YPS001016	28%	96.3%	91.9%
SAU801741	ABA100229	33%	57.5%	81.4%
SAU801741	BAN106567	33%	99.5%	99.8%
SAU801741	BCE110599	42%	38.9%	96.3%
SAU801741	BFU105081	43%	36.7%	36.5%
SAU801741	BMA101290	45%	35.2%	86.1%
SAU801741	CJU100817	33%	65.9%	82.8%
SAU801741	EBC100487	38%	36.7%	64.3%
SAU801741	ECO100865	38%	45.9%	48.8%
SAU801741	HIN101559	45%	36.0%	92.8%
SAU801741	HPY101073	39%	41.6%	64.9%
SAU801741	KPN100639	46%	25.0%	99.4%
SAU801741	LPN100195	41%	39.5%	71.8%
SAU801741	LMO102204	45%	56.3%	96.8%
SAU801741	MCA100556	43%	35.2%	99.4%
SAU801741	PMU100255	35%	53.1%	78.2%
SAU801741	PRT100386	34%	55.6%	85.9%
SAU801741	SPA103466	44%	36.3%	97.1%
SAU801741	STY102893	41%	40.4%	41.3%
SAU801741	STM102713	38%	45.1%	45.4%
SAU801741	SAU801741	100%	100%	100%
SAU801741	SEP202093	54%	100%	100%
SAU801741	SHA101435	51%	100%	100%
SAU801741	VCH101873	40%	43.6%	66.1%
SAU801742	BAN102341	53%	99.0%	97.5%
SAU801742	EFA202054	46%	97.0%	96.1%
SAU801742	EFM200975	56%	74.2%	96.1%
SAU801742	LMO100772	53%	99.0%	97.1%
SAU801742	MGE100458	42%	63.1%	85.4%
SAU801742	MPN100179	35%	89.4%	76.1%
SAU801742	SAU801742	100%	100%	100%
SAU801742	SEP202095	76%	100%	100%
SAU801742	SHA101433	77%	100%	100%
SAU801742	SMU100522	42%	97.0%	94.2%
SAU801742	SPN401724	40%	97.0%	94.2%
SAU801742	SPY101819	41%	97.0%	94.2%
SAU801742	UUR100192	30%	99.0%	96.4%
SAU801749	BAN106147	46%	98.5%	97.7%
SAU801749	BFU115607	25%	21.3%	15.8%
SAU801749	BMA109525	38%	20.5%	15.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801749	CBO101598	22%	43.0%	38.3%
SAU801749	EFA201131	40%	89.0%	90.7%
SAU801749	EFM202567	39%	95.1%	96.2%
SAU801749	HIN101506	28%	33.1%	35.2%
SAU801749	LPN101017	18%	45.2%	40.3%
SAU801749	LMO101148	44%	87.5%	88.5%
SAU801749	MAV102537	26%	34.6%	24.1%
SAU801749	MGE100366	18%	68.4%	57.5%
SAU801749	PPU110551	23%	45.2%	36.9%
SAU801749	PSY102492	30%	22.4%	17.2%
SAU801749	SAU801749	100%	100%	100%
SAU801749	SEP202110	89%	100%	100%
SAU801749	SHA101330	89%	100%	100%
SAU801749	SMU100768	30%	90.5%	91.9%
SAU801749	SPN400475	30%	90.5%	90.5%
SAU801749	SPY201327	31%	82.1%	82.5%
SAU801749	YPS003183	19%	77.9%	74.3%
SAU801751	BAN104199	42%	98.9%	99.1%
SAU801751	BFR100617	37%	14.9%	16.1%
SAU801751	CAC102647	36%	98.5%	98.5%
SAU801751	CBO100026	35%	98.1%	98.3%
SAU801751	CDF102762	35%	98.7%	97.1%
SAU801751	EFA201202	40%	98.9%	98.7%
SAU801751	EFM200248	36%	65.5%	98.4%
SAU801751	LMO100797	44%	98.9%	98.5%
SAU801751	PPU110017	24%	89.3%	76.0%
SAU801751	PSY104220	24%	96.6%	73.9%
SAU801751	SAU801751	100%	100%	100%
SAU801751	SEP202112	82%	100%	100%
SAU801751	SHA101328	82%	99.8%	99.8%
SAU801751	SMU100171	38%	98.9%	98.7%
SAU801751	SPN400547	39%	98.3%	97.9%
SAU801751	SPY200812	38%	98.9%	98.5%
SAU801753	ABA100431	35%	97.0%	96.6%
SAU801753	BAN104776	48%	98.7%	96.3%
SAU801753	BBU100128	28%	98.3%	92.4%
SAU801753	BCE110410	32%	98.7%	97.1%
SAU801753	BFU113278	33%	98.7%	89.3%
SAU801753	BMA108257	34%	98.7%	96.2%
SAU801753	CPN200986	36%	96.1%	94.0%
SAU801753	CTR200096	34%	97.8%	93.8%
SAU801753	CAC103133	48%	99.6%	97.5%
SAU801753	CBO100292	46%	98.3%	97.9%
SAU801753	CDF102819	48%	96.5%	95%
SAU801753	EBC102915	36%	97.0%	96.2%
SAU801753	EFA201204	47%	100%	98.0%
SAU801753	EFM200797	46%	100%	100%
SAU801753	ECO102142	37%	97.0%	97.8%
SAU801753	HIN101215	40%	98.7%	99.1%
SAU801753	KPN301779	37%	96.1%	93.7%
SAU801753	LMO101945	50%	100%	100%
SAU801753	MCA103178	35%	98.3%	99.6%
SAU801753	NGO100244	36%	95.2%	97.8%
SAU801753	NME201373	36%	95.2%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801753	PMU100003	38%	99.1%	99.6%
SAU801753	PRT101140	39%	99.1%	98.7%
SAU801753	PAE200732	35%	97.0%	98.3%
SAU801753	PPU103373	36%	97.0%	98.3%
SAU801753	PSY102334	36%	95.2%	96.5%
SAU801753	SPA100233	38%	97.0%	97.8%
SAU801753	STY104331	38%	97.0%	97.8%
SAU801753	SAU801753	100%	100%	100%
SAU801753	SEP202114	72%	98.7%	99.1%
SAU801753	SHA101326	70%	99.6%	100%
SAU801753	SMU100796	39%	99.6%	99.2%
SAU801753	SPN400256	46%	98.7%	97.9%
SAU801753	SPY201026	45%	98.7%	96.3%
SAU801753	VCH101608	40%	97.0%	97.4%
SAU801753	YPS000335	40%	97.0%	96.2%
SAU801754	ABA105833	19%	93.3%	96.1%
SAU801754	BAN113336	39%	76.7%	98.3%
SAU801754	BAN106207	39%	82.8%	97.6%
SAU801754	BAN104835	37%	99.3%	97.6%
SAU801754	BCE109401	18%	72.7%	70.2%
SAU801754	BFU100360	18%	72.7%	70.2%
SAU801754	BMA106132	17%	64.2%	51.7%
SAU801754	CAC101941	26%	94.4%	95.3%
SAU801754	CBO100125	25%	95.3%	97.3%
SAU801754	CDF100053	35%	13.4%	62.4%
SAU801754	CDF102528	25%	98.7%	96.3%
SAU801754	EBC101202	21%	38.9%	41.9%
SAU801754	EFA201206	28%	99.1%	97.1%
SAU801754	EFM200105	28%	99.5%	97.6%
SAU801754	ECO101042	20%	33.3%	35.6%
SAU801754	KPN302527	19%	38.9%	40.8%
SAU801754	LPN101130	18%	96.4%	95.3%
SAU801754	LMO100220	38%	99.3%	99.8%
SAU801754	MCA103523	18%	96.0%	98.1%
SAU801754	MAV108372	19%	30.7%	54.9%
SAU801754	NGO101881	17%	78.5%	77.9%
SAU801754	NME202045	18%	78.5%	77.9%
SAU801754	PMU101660	19%	84.8%	88.8%
SAU801754	PRT101541	21%	40.5%	43.8%
SAU801754	PAE204560	21%	40.5%	43.8%
SAU801754	PPU112503	19%	36.9%	38.9%
SAU801754	PSY102688	19%	36.9%	40.4%
SAU801754	SPA100422	21%	40.7%	41.9%
SAU801754	STY102506	20%	38.9%	43.1%
SAU801754	STM102672	20%	38.9%	40.8%
SAU801754	SAU801754	100%	100%	100%
SAU801754	SEP202115	83%	100%	100%
SAU801754	SHA101325	71%	100%	100%
SAU801754	SMU100383	26%	99.3%	98.2%
SAU801754	SPN401382	27%	99.1%	98.3%
SAU801754	SPY200284	27%	99.3%	98.2%
SAU801754	TPA100512	19%	66.5%	65.2%
SAU801754	VCH100667	18%	80.8%	81.0%
SAU801755	ABA103848	35%	79.3%	60.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801755	BAN100407	63%	92.0%	68.6%
SAU801755	BPT101495	29%	80.6%	61.8%
SAU801755	BCE105916	29%	80.3%	61.1%
SAU801755	BFU102587	30%	80.3%	61.0%
SAU801755	BMA109065	28%	87.6%	65.8%
SAU801755	CAC101518	41%	86.6%	66.9%
SAU801755	CBO101797	38%	93.9%	70.3%
SAU801755	CDF102335	40%	90.8%	68.6%
SAU801755	EBC103756	30%	93.0%	89.7%
SAU801755	EFA202331	52%	89.2%	72.4%
SAU801755	EFM200487	46%	94.3%	70.7%
SAU801755	ECO103415	31%	93.0%	70%
SAU801755	HIN100912	30%	88.5%	65.8%
SAU801755	KPN306630	29%	93.0%	70.5%
SAU801755	LPN102418	32%	79.3%	82.5%
SAU801755	LMO100816	55%	94.6%	70.8%
SAU801755	MCA101549	35%	79.0%	60.1%
SAU801755	PMU100031	32%	79.3%	60.9%
SAU801755	PRT104499	30%	93.9%	70.6%
SAU801755	PAE200558	30%	79.3%	61.0%
SAU801755	PPU109267	35%	79.3%	61.1%
SAU801755	PSY103648	34%	79.3%	57.2%
SAU801755	SPA101798	30%	93.0%	70.4%
SAU801755	STY100869	30%	93.0%	70%
SAU801755	SAU801755	100%	100%	100%
SAU801755	SEP202116	75%	96.5%	70.8%
SAU801755	SHA101324	79%	95.5%	71.4%
SAU801755	SMU100726	40%	94.6%	71.5%
SAU801755	SPN400651	43%	89.2%	66.0%
SAU801755	SPY201435	43%	94.6%	71.7%
SAU801755	VCH100080	32%	93.0%	70.4%
SAU801755	YPS002475	31%	93.9%	71.1%
SAU801758	BPT101066	20%	20.8%	79.8%
SAU801758	MPN100367	18%	43.7%	86.2%
SAU801758	PMU101507	23%	15.8%	73.6%
SAU801758	SAU801758	100%	100%	100%
SAU801758	SEP202646	35%	99.6%	29.7%
SAU801758	SHA100633	28%	73.7%	83.4%
SAU801758	SHA100651	33%	12.8%	80.4%
SAU801758	SHA101983	28%	99.9%	40.6%
SAU801758	SHA101424	30%	82.9%	58.1%
SAU801760	ABA105508	41%	99.5%	98.9%
SAU801760	BAN102826	74%	99.9%	99.9%
SAU801760	BFR10298	45%	99.8%	99.9%
SAU801760	BPT102350	38%	99.5%	99.4%
SAU801760	BBU100250	52%	99.8%	99.6%
SAU801760	BCE103321	39%	98.9%	98.8%
SAU801760	BMA109061	39%	98.9%	93.5%
SAU801760	CJU101017	40%	100%	100%
SAU801760	CPN200606	50%	99.8%	99.9%
SAU801760	CTR200474	52%	99.8%	99.9%
SAU801760	CAC101070	48%	100%	100%
SAU801760	CBO100961	48%	99.9%	99.8%
SAU801760	CDF103555	48%	99.8%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801760	CDP101454	45%	99.3%	97.2%
SAU801760	EBC100539	37%	53.0%	99.6%
SAU801760	EFA200538	72%	99.9%	99.9%
SAU801760	EFM200610	72%	99.9%	99.9%
SAU801760	ECO100632	42%	99.5%	99.3%
SAU801760	HIN100900	43%	99.8%	99.4%
SAU801760	HPY101524	40%	98.9%	99.1%
SAU801760	KPN300581	40%	13.9%	68.9%
SAU801760	KPN302684	42%	99.5%	99.5%
SAU801760	LPN103327	43%	99.5%	99.3%
SAU801760	LMO100611	69%	99.9%	99.9%
SAU801760	MCA102972	39%	99.6%	98.7%
SAU801760	MAV103767	44%	99.0%	94.3%
SAU801760	MBV104696	43%	99.0%	96.3%
SAU801760	MLP100028	43%	99.0%	96.5%
SAU801760	MTU200041	43%	99.0%	96.5%
SAU801760	MGE100272	44%	99.8%	99.7%
SAU801760	MPN100453	44%	99.8%	99.6%
SAU801760	NGO100059	41%	99.6%	99.3%
SAU801760	NME200518	39%	99.5%	99.5%
SAU801760	PMU101214	42%	99.8%	99.5%
SAU801760	PRT102887	42%	99.5%	99.3%
SAU801760	PAE203984	40%	99.6%	99.4%
SAU801760	PPU108817	41%	99.6%	99.4%
SAU801760	PSY105072	42%	99.6%	99.4%
SAU801760	SPA100430	46%	62.3%	97.8%
SAU801760	STY101466	42%	99.5%	99.3%
SAU801760	SAU801760	100%	100%	100%
SAU801760	SEP202121	87%	100%	100%
SAU801760	SHA100631	86%	100%	100%
SAU801760	SMU100492	65%	99.8%	99.6%
SAU801760	SPN400235	66%	99.8%	99.6%
SAU801760	SPY200128	65%	99.8%	99.6%
SAU801760	TPA100579	47%	99.8%	99.9%
SAU801760	UUR100373	53%	99.5%	99.8%
SAU801760	VCH100940	43%	99.6%	95.4%
SAU801760	YPS001199	41%	99.5%	99.3%
SAU801769	ABA104921	34%	93.6%	97.9%
SAU801769	BAN106809	47%	99.5%	99.2%
SAU801769	BAN107259	53%	99.5%	99.2%
SAU801769	BFR101499	44%	100%	98.3%
SAU801769	BPT100010	33%	91.6%	81.4%
SAU801769	BCE107847	38%	71.8%	76.5%
SAU801769	BCE114560	36%	89.6%	91.8%
SAU801769	BFU105494	36%	89.6%	92.3%
SAU801769	BMA104123	35%	89.6%	66.6%
SAU801769	CJU100533	36%	92.6%	98.2%
SAU801769	CPN200978	41%	99.0%	94.3%
SAU801769	CTR200104	44%	98.5%	92.5%
SAU801769	CAC101077	50%	99.7%	98.8%
SAU801769	CBO102459	53%	99.7%	98.5%
SAU801769	CDF101260	56%	99.5%	96.3%
SAU801769	CDP100293	42%	98.7%	90.4%
SAU801769	EBC103923	44%	50.1%	91.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801769	ECO102975	44%	50.9%	92.6%
SAU801769	HIN100202	44%	48.3%	86.6%
SAU801769	HPY100791	35%	94.1%	100%
SAU801769	KPN306827	43%	50.9%	92.6%
SAU801769	LPN102962	45%	72.0%	97.3%
SAU801769	MCA101128	33%	93.9%	99.7%
SAU801769	MAV100813	46%	99.2%	91.6%
SAU801769	MBV102147	45%	99.2%	94.4%
SAU801769	MLP100345	45%	99.2%	92.2%
SAU801769	MTU201396	45%	99.2%	94.4%
SAU801769	NGO101214	35%	91.3%	78.4%
SAU801769	NME201304	36%	91.3%	96.1%
SAU801769	PMU101385	43%	49.6%	91.6%
SAU801769	PRT102178	44%	50.6%	92.2%
SAU801769	PAE204051	34%	93.1%	98.6%
SAU801769	PPU110431	35%	93.6%	97.9%
SAU801769	PSY102199	35%	93.6%	99.2%
SAU801769	SPA102485	43%	50.6%	91.7%
SAU801769	STY100768	43%	50.9%	92.6%
SAU801769	STM101319	48%	47.1%	95.9%
SAU801769	SAU801769	100%	100%	100%
SAU801769	SEP202140	75%	100%	100%
SAU801769	SHA101040	73%	100%	100%
SAU801769	SPN400162	49%	100%	98.8%
SAU801769	VCH102235	39%	90.6%	96.2%
SAU801769	YPS001985	45%	49.4%	89.9%
SAU801770	ABA101512	38%	93.8%	90.0%
SAU801770	BAN111761	44%	90.5%	91.4%
SAU801770	BAN112258	46%	92.9%	91.1%
SAU801770	BFR10686	33%	91.9%	98.5%
SAU801770	BPT102166	33%	87.1%	80.3%
SAU801770	BCE102163	39%	92.4%	96.2%
SAU801770	BFU114695	39%	93.8%	100%
SAU801770	BMA105732	35%	93.8%	100%
SAU801770	CJU101143	30%	100%	99.0%
SAU801770	CPN200217	30%	89.0%	92%
SAU801770	CTR200675	31%	89.0%	91.9%
SAU801770	CAC101867	40%	92.4%	90.1%
SAU801770	CBO100822	37%	100%	94.3%
SAU801770	CDF101262	40%	95.7%	91.0%
SAU801770	CDP100296	38%	91.9%	98.0%
SAU801770	EBC101113	34%	88.6%	42.1%
SAU801770	ECO101632	35%	88.6%	42.3%
SAU801770	HIN101580	33%	91.9%	97.5%
SAU801770	HPY101551	37%	93.8%	91.3%
SAU801770	KPN300802	34%	88.6%	63.8%
SAU801770	LPN103102	36%	91.9%	94.1%
SAU801770	MCA101660	35%	100%	99.1%
SAU801770	MAV100811	39%	92.9%	100%
SAU801770	MBV102153	41%	91.9%	98.0%
SAU801770	MLP100344	40%	91.9%	95.2%
SAU801770	MTU201393	41%	91.9%	98.0%
SAU801770	NGO100198	29%	87.1%	71.4%
SAU801770	NME201294	29%	87.1%	84.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801770	PMU100650	31%	87.1%	90.7%
SAU801770	PRT102318	37%	87.1%	84.9%
SAU801770	PAE204052	37%	93.8%	90.4%
SAU801770	PPU104479	36%	93.8%	89.6%
SAU801770	PSY102201	37%	93.8%	90%
SAU801770	SPA100334	33%	39.5%	75%
SAU801770	STY100625	32%	88.6%	42.3%
SAU801770	STM104015	32%	88.6%	42.3%
SAU801770	SAU801770	100%	100%	100%
SAU801770	SEP202141	77%	100%	100%
SAU801770	SHA101041	68%	100%	100%
SAU801770	SPN400163	46%	100%	100%
SAU801770	VCH102236	38%	94.3%	91.7%
SAU801770	YPS002958	34%	88.6%	41.3%
SAU801771	ABA103798	36%	98.0%	98.0%
SAU801771	BAN112131	35%	98.0%	97.0%
SAU801771	BAN106315	40%	98.0%	94.9%
SAU801771	BFR10090	31%	87.3%	89.3%
SAU801771	BPT102814	33%	97.4%	90.9%
SAU801771	BCE111009	34%	89.0%	89.3%
SAU801771	BFU111851	34%	97.4%	87.1%
SAU801771	BMA106009	33%	89.0%	85.5%
SAU801771	CJU101528	27%	68.9%	77.4%
SAU801771	CPN200979	31%	97.7%	93.6%
SAU801771	CTR200103	29%	97.4%	88.4%
SAU801771	CAC102186	31%	94.2%	90.9%
SAU801771	CBO103939	32%	97.1%	93.1%
SAU801771	CDF101264	30%	97.1%	94.6%
SAU801771	CDP100306	32%	85.9%	78.1%
SAU801771	EBC101279	34%	87.3%	87.7%
SAU801771	EFM102196	24%	37.8%	100%
SAU801771	ECO100406	36%	87.3%	87.7%
SAU801771	HIN100923	34%	99.1%	96.8%
SAU801771	HPY101484	24%	56.2%	65.4%
SAU801771	KPN303443	35%	87.9%	88.3%
SAU801771	LPN101462	28%	91.9%	91.3%
SAU801771	MCA103171	30%	98.6%	95.7%
SAU801771	MAV100828	33%	87.3%	84.8%
SAU801771	MBV102159	35%	88.5%	86.4%
SAU801771	MLP100341	33%	87.3%	85.3%
SAU801771	MTU201390	34%	88.5%	86.4%
SAU801771	NGO101603	34%	98.6%	96.2%
SAU801771	NME200596	33%	98.6%	96.2%
SAU801771	PMU100749	36%	87.3%	85.4%
SAU801771	PRT100794	48%	33.1%	76.5%
SAU801771	PAE204053	35%	87.9%	87.1%
SAU801771	PPU104478	33%	87.9%	85.4%
SAU801771	PSY102203	35%	87.9%	86.0%
SAU801771	SPA103220	32%	87.3%	87.7%
SAU801771	STY100425	33%	87.3%	87.7%
SAU801771	STM100096	33%	87.3%	87.7%
SAU801771	SAU801771	100%	100%	100%
SAU801771	SEP202142	65%	100%	100%
SAU801771	SHA101042	62%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801771	SPN400164	34%	89.3%	88.0%
SAU801771	VCH102237	33%	99.4%	96.7%
SAU801771	YPS002513	34%	99.1%	98.1%
SAU801781	BAN102026	30%	83.5%	90.4%
SAU801781	BAN100029	32%	83.5%	87.9%
SAU801781	BFR102578	30%	84.0%	89.0%
SAU801781	BCE112831	23%	91.1%	72.6%
SAU801781	CAC102703	34%	84.8%	89.3%
SAU801781	CBO102369	59%	98.7%	96.7%
SAU801781	CDF102721	32%	96.2%	98.6%
SAU801781	CDP100260	26%	48.5%	41.4%
SAU801781	EBC104147	23%	84.8%	88.2%
SAU801781	EFA200734	28%	83.5%	85.3%
SAU801781	EFM202614	23%	94.1%	91.3%
SAU801781	ECO103852	25%	84.8%	88.2%
SAU801781	KPN303236	26%	84.8%	88.2%
SAU801781	LMO102295	33%	94.1%	95.4%
SAU801781	PRT102648	24%	84.8%	88.2%
SAU801781	SPA101828	25%	84.8%	88.2%
SAU801781	STY102761	25%	84.8%	88.2%
SAU801781	STM100053	27%	60.3%	53.9%
SAU801781	SAU801781	100%	100%	100%
SAU801781	SEP202149	88%	100%	100%
SAU801781	SHA101204	94%	100%	100%
SAU801781	SMU101539	26%	87.8%	91.0%
SAU801781	SPN400233	24%	83.1%	86.5%
SAU801781	SPY201499	53%	99.2%	96.3%
SAU801781	YPS000933	28%	84.4%	87.3%
SAU801788	BAN109240	49%	97.1%	96.4%
SAU801788	BAN109986	53%	97.5%	96.1%
SAU801788	BAN101451	53%	97.5%	96.1%
SAU801788	BAN108570	55%	97.1%	95.7%
SAU801788	BPT100139	47%	97.5%	86.9%
SAU801788	BFU106841	30%	91.3%	90.7%
SAU801788	BMA101899	29%	93.9%	93.2%
SAU801788	CBO103560	46%	95.7%	86%
SAU801788	CDP100048	39%	98.6%	94.1%
SAU801788	EFA201398	48%	99.3%	98.2%
SAU801788	EFM100053	44%	32.5%	96.8%
SAU801788	LMO102538	49%	96.8%	95.6%
SAU801788	MAV101886	40%	97.1%	95.0%
SAU801788	MBV105140	43%	98.6%	95.0%
SAU801788	MLP101019	40%	98.6%	95.0%
SAU801788	MTU202933	43%	98.6%	95.0%
SAU801788	PSY101323	30%	91.0%	91.9%
SAU801788	SAU801788	100%	100%	100%
SAU801788	SEP202180	72%	100%	99.6%
SAU801788	SHA101201	74%	100%	99.6%
SAU801788	YPS002012	43%	97.1%	95.3%
SAU801790	ABA100383	61%	97.7%	97.9%
SAU801790	BAN108106	75%	99.0%	99.0%
SAU801790	BFR103242	50%	97.7%	98.6%
SAU801790	BPT100493	60%	98.7%	99.2%
SAU801790	BBU100375	51%	97.7%	96.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801790	BCE104520	60%	98.5%	99.2%
SAU801790	BFU106887	60%	98.5%	93.6%
SAU801790	BMA102515	60%	98.5%	97.0%
SAU801790	CJU101022	41%	97.2%	98.7%
SAU801790	CAC100015	69%	97.7%	99.0%
SAU801790	CDF101475	69%	98.5%	99.0%
SAU801790	CDP100317	57%	98.2%	97.1%
SAU801790	EBC106045	63%	96.5%	98.4%
SAU801790	EFA200562	72%	98.5%	98.7%
SAU801790	EFM102997	76%	12.8%	91.1%
SAU801790	ECO102877	62%	98.2%	98.4%
SAU801790	HIN101146	61%	97.7%	97.9%
SAU801790	HPY100194	58%	97.2%	97.4%
SAU801790	KPN303051	63%	98.2%	98.4%
SAU801790	LPN103398	58%	99.2%	100%
SAU801790	LMO101989	70%	99.5%	99.5%
SAU801790	MCA100501	58%	98.7%	99.7%
SAU801790	MAV103344	58%	99.5%	100%
SAU801790	MBV103088	57%	98.2%	98.0%
SAU801790	MLP100335	57%	99.5%	100%
SAU801790	MTU201374	57%	99.5%	100%
SAU801790	MGE100047	38%	98.0%	96.1%
SAU801790	MPN100094	39%	98.0%	96.1%
SAU801790	NGO101704	62%	97.7%	98.2%
SAU801790	NME200613	62%	97.7%	98.2%
SAU801790	PMU101027	61%	98.5%	98.7%
SAU801790	PRT101183	61%	97.7%	97.9%
SAU801790	PAE200545	57%	97.7%	98.0%
SAU801790	PPU109309	57%	97.7%	98.0%
SAU801790	PSY103013	57%	97.7%	98.0%
SAU801790	SPA102476	63%	97.5%	98.2%
SAU801790	STY104545	63%	98.2%	98.4%
SAU801790	STM100571	63%	98.2%	98.4%
SAU801790	SAU801790	100%	100%	100%
SAU801790	SEP202182	88%	99.7%	99.5%
SAU801790	SHA101199	90%	99.7%	99.7%
SAU801790	SMU101066	66%	99.5%	99.7%
SAU801790	SPN400671	66%	99.5%	100%
SAU801790	SPY201042	65%	99.5%	99.2%
SAU801790	TPA100786	53%	98.0%	96.5%
SAU801790	UUR100416	48%	99.0%	98.7%
SAU801790	VCH100467	61%	98.0%	97.9%
SAU801790	YPS000215	61%	98.2%	98.4%
SAU801791	BAN102885	63%	97.2%	97.5%
SAU801791	BFR105535	50%	90%	89.7%
SAU801791	CJU100862	54%	91.7%	92.6%
SAU801791	EBC103850	52%	91.3%	90.4%
SAU801791	ECO103326	52%	91.7%	91.3%
SAU801791	HIN100789	49%	90.9%	89.8%
SAU801791	KPN309152	51%	92.5%	92.0%
SAU801791	PMU101542	52%	90%	88.8%
SAU801791	PRT103276	68%	11.9%	98.5%
SAU801791	PRT102605	52%	90%	88.9%
SAU801791	PAE205187	46%	92.6%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801791	PPU109983	46%	92.6%	96.6%
SAU801791	PSY103061	49%	93.2%	95.9%
SAU801791	SPA102215	50%	54.2%	87.2%
SAU801791	STY101369	53%	89.8%	88.7%
SAU801791	STM102905	53%	89.8%	88.7%
SAU801791	SAU801791	100%	100%	100%
SAU801791	SEP202183	83%	100%	93.1%
SAU801791	SHA100255	86%	100%	100%
SAU801791	SMU101955	23%	77.2%	72.9%
SAU801791	SPY100767	22%	22.8%	45.4%
SAU801791	VCH102699	49%	96.4%	94.3%
SAU801791	YPS001562	52%	89.8%	88.7%
SAU801800	CBO103265	28%	37.5%	71.5%
SAU801800	CBO101981	35%	22.7%	48.1%
SAU801800	EFM200873	31%	39.6%	69.1%
SAU801800	MBV105157	30%	19.9%	30.3%
SAU801800	MTU408706	30%	19.9%	30.3%
SAU801800	NME301036	20%	62.2%	47.3%
SAU801800	SAU801800	100%	100%	100%
SAU801800	SEP202377	32%	50.2%	83.4%
SAU801800	SHA103321	32%	51.4%	83.4%
SAU801801	CBO102312	27%	40.9%	41.3%
SAU801801	PRT103680	26%	42.3%	26.6%
SAU801801	SAU801801	100%	100%	100%
SAU801801	SEP201425	42%	80.8%	98.9%
SAU801812	BFR103731	35%	22.9%	7.8%
SAU801812	BFU106944	27%	75.8%	16.1%
SAU801812	EFA200509	27%	65.8%	59.2%
SAU801812	MBV105595	24%	61.2%	43.4%
SAU801812	MTU201032	24%	61.2%	43.4%
SAU801812	MPN100256	34%	37.1%	21.3%
SAU801812	SAU801813	48%	100%	100%
SAU801812	SAU801809	54%	100%	100%
SAU801812	SAU801810	54%	100%	100%
SAU801812	SAU801811	61%	100%	100%
SAU801812	SAU801812	100%	100%	100%
SAU801812	SEP200474	32%	75.8%	63.1%
SAU801812	SHA103193	24%	61.7%	33.5%
SAU801812	SPN201991	23%	86.7%	9.6%
SAU801812	UUR100028	55%	14.2%	3.9%
SAU801819	BAN101272	26%	93.4%	100%
SAU801819	BAN107130	26%	94.3%	100%
SAU801819	BCE101717	24%	22.6%	25.3%
SAU801819	MGE100328	24%	66.3%	19.4%
SAU801819	SAU801163	30%	92.5%	98.1%
SAU801819	SAU801820	32%	84.9%	89.1%
SAU801819	SAU802419	33%	84.9%	89.0%
SAU801819	SAU802005	29%	95.2%	96.3%
SAU801819	SAU802420	29%	95.5%	99.4%
SAU801819	SAU802004	39%	94.3%	95.6%
SAU801819	SAU802421	76%	95.8%	97.8%
SAU801819	SAU801819	100%	100%	100%
SAU801831	ABA105109	31%	98.9%	85.5%
SAU801831	LPN100617	23%	94.0%	90.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801831	PRT100970	29%	94.0%	91.7%
SAU801831	PSY105329	26%	47.3%	52.5%
SAU801831	SAU801831	100%	100%	100%
SAU801831	SEP202203	69%	100%	100%
SAU801831	SHA100944	57%	100%	100%
SAU801842	BAN105878	50%	95.8%	95.9%
SAU801842	BAN106784	50%	98.4%	98.1%
SAU801842	BFU105060	27%	40.6%	63.4%
SAU801842	CAC102817	36%	98.1%	96.3%
SAU801842	CBO103612	27%	93.3%	94.3%
SAU801842	EFA201160	42%	99.0%	99.4%
SAU801842	EFM201438	44%	99.7%	100%
SAU801842	LMO101135	55%	95.8%	95.8%
SAU801842	SAU801842	100%	100%	100%
SAU801842	SEP202225	82%	100%	100%
SAU801842	SHA100193	81%	100%	100%
SAU801842	SMU100680	42%	99.4%	96.9%
SAU801842	SPN401792	43%	98.1%	92.5%
SAU801842	SPY200197	44%	97.8%	98.7%
SAU801843	BAN110707	25%	18.4%	25%
SAU801843	BAN101656	20%	73.8%	95.8%
SAU801843	BCE102515	25%	14.7%	44.6%
SAU801843	EBC105222	20%	31.0%	79.7%
SAU801843	EFA201162	22%	97.5%	97.2%
SAU801843	EFM202044	24%	99.7%	99.2%
SAU801843	LMO101860	28%	97.6%	98.2%
SAU801843	PMU100358	22%	37.4%	32.4%
SAU801843	SAU801843	100%	100%	100%
SAU801843	SEP202243	69%	100%	99.7%
SAU801843	SHA101351	56%	63.4%	91.0%
SAU801844	BAN112727	33%	72.9%	98.0%
SAU801844	BAN108010	34%	99.5%	94.4%
SAU801844	BCE105254	28%	83.7%	82.4%
SAU801844	BFU106002	24%	26.4%	25.5%
SAU801844	CTR100444	26%	23.4%	33.8%
SAU801844	CDP101084	24%	59.0%	62.5%
SAU801844	EFA201164	35%	57.8%	56.2%
SAU801844	EFM200739	28%	99.5%	99.5%
SAU801844	LMO101049	34%	96.0%	95.4%
SAU801844	MAV100736	23%	47.2%	50.7%
SAU801844	MLP100687	23%	47.2%	50.7%
SAU801844	MTU201260	24%	55.5%	53.5%
SAU801844	SAU801844	100%	100%	100%
SAU801844	SEP202229	79%	100%	100%
SAU801844	SHA100337	72%	96.5%	98.5%
SAU801864	BAN106235	40%	98.6%	99.5%
SAU801864	BAN106367	70%	99.8%	99.1%
SAU801864	LMO102085	67%	99.8%	99.1%
SAU801864	SAU801864	100%	100%	100%
SAU801864	SEP200493	90%	100%	100%
SAU801864	SHA100850	90%	100%	100%
SAU801885	BAN105284	41%	53.6%	61.1%
SAU801885	BAN109052	39%	95.1%	95.7%
SAU801885	BFR101331	53%	8.1%	29.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801885	BFR101263	30%	56.5%	47.4%
SAU801885	CAC100128	25%	78.1%	64.6%
SAU801885	CBO100759	26%	62.2%	57.1%
SAU801885	CDF103262	22%	91.6%	76.6%
SAU801885	CDP100733	28%	57.6%	46.7%
SAU801885	EFA200214	35%	98.0%	97.3%
SAU801885	EFM100401	38%	84.1%	98.1%
SAU801885	HIN100254	25%	79.8%	52.4%
SAU801885	KPN101258	30%	49.6%	80.6%
SAU801885	LMO101432	40%	88.2%	88.1%
SAU801885	MCA103333	24%	76.9%	41.2%
SAU801885	MAV102966	29%	55.6%	23.1%
SAU801885	PRT102089	27%	58.8%	34.0%
SAU801885	PSY102913	34%	57.1%	51.8%
SAU801885	SPA103134	26%	55.6%	32.8%
SAU801885	STM101354	28%	58.2%	36.6%
SAU801885	SAU801885	100%	100%	100%
SAU801885	SEP200524	92%	99.1%	98.9%
SAU801885	SHA102846	88%	100%	100%
SAU801885	SMU101513	36%	66.6%	71.0%
SAU801885	SPN400343	32%	94.8%	97.0%
SAU801885	SPY201249	30%	95.7%	97.0%
SAU801885	YPS002615	25%	55.9%	33.2%
SAU801891	BFR103387	25%	79.0%	39.9%
SAU801891	BCE102350	26%	42.0%	21.8%
SAU801891	BFU101626	25%	56.4%	27.9%
SAU801891	BMA107339	28%	45.7%	23.2%
SAU801891	CAC100871	44%	97.9%	99.6%
SAU801891	CBO102328	46%	97.1%	98.0%
SAU801891	CDF103937	25%	84.0%	45.0%
SAU801891	CDP101577	35%	85.2%	90%
SAU801891	EFA201623	39%	86.0%	92.6%
SAU801891	EFM202615	40%	86.4%	92.2%
SAU801891	KPN305163	24%	75.7%	40.4%
SAU801891	LMO102346	29%	72.4%	35.6%
SAU801891	MAV103150	35%	81.1%	85.1%
SAU801891	MBV105752	35%	87.2%	92.6%
SAU801891	MLP101386	33%	87.2%	93.0%
SAU801891	MTU203659	35%	87.2%	92.6%
SAU801891	PAE201276	30%	41.2%	21.0%
SAU801891	PPU104541	31%	40.3%	20.9%
SAU801891	PSY104520	26%	56.4%	28.8%
SAU801891	SPA101593	25%	63.4%	32.7%
SAU801891	STY102862	25%	63.4%	32.6%
SAU801891	SAU801891	100%	100%	100%
SAU801891	SEP200530	86%	99.2%	100%
SAU801891	SHA100327	87%	65.0%	100%
SAU801891	SMU100316	37%	86.8%	82.1%
SAU801891	SPN401443	39%	86.4%	82.3%
SAU801891	SPY200781	42%	86.8%	81.7%
SAU801891	VCH103448	26%	59.7%	31.0%
SAU801892	CAC103089	37%	83.5%	85.3%
SAU801892	CBO103928	33%	88.3%	87.0%
SAU801892	CDP101579	27%	89.9%	90.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801892	EFA201624	35%	88.8%	88.2%
SAU801892	EFM201524	33%	90.6%	91.1%
SAU801892	MAV103153	28%	95.7%	95.9%
SAU801892	MBV103349	24%	70.3%	99.3%
SAU801892	MLP101385	28%	98.4%	98.8%
SAU801892	MTU203658	28%	95.7%	95.9%
SAU801892	SAU801892	100%	100%	100%
SAU801892	SEP200540	84%	100%	100%
SAU801892	SHA100326	86%	91.5%	100%
SAU801892	SMU100305	38%	83.1%	82.3%
SAU801892	SPN401442	35%	92.9%	92.4%
SAU801892	SPY200782	35%	88.1%	87.4%
SAU801898	ABA102906	25%	93.0%	97.1%
SAU801898	BAN101717	37%	83.5%	87.6%
SAU801898	BAN104028	51%	93.3%	97.7%
SAU801898	BFR103264	21%	87.6%	91.6%
SAU801898	BPT102594	36%	33.7%	35.2%
SAU801898	CAC101539	32%	93.3%	99.3%
SAU801898	CBO100610	29%	91.4%	97.6%
SAU801898	CDF100046	31%	91.7%	97.0%
SAU801898	CDP100495	27%	93.7%	91.4%
SAU801898	EBC101306	32%	82.9%	87.0%
SAU801898	EFA201025	50%	95.6%	84.8%
SAU801898	EFM201626	34%	92.7%	99.7%
SAU801898	ECO102045	31%	82.9%	87.0%
SAU801898	KPN304484	30%	82.9%	86.6%
SAU801898	LPN102533	27%	87.6%	94.8%
SAU801898	LMO101117	54%	94.0%	95.8%
SAU801898	MAV101449	25%	86.0%	88.4%
SAU801898	MBV102765	22%	90.5%	93.2%
SAU801898	MTU202218	22%	90.5%	93.2%
SAU801898	PRT102330	32%	82.9%	87.5%
SAU801898	PAE203021	29%	82.5%	85.1%
SAU801898	PPU103228	26%	82.5%	85.8%
SAU801898	PSY100248	33%	40.3%	92.6%
SAU801898	PSY102861	27%	86.3%	87.2%
SAU801898	SPA100769	27%	82.9%	86.9%
SAU801898	STM103922	29%	82.9%	87.0%
SAU801898	SAU801898	100%	100%	100%
SAU801898	SEP200546	89%	98.4%	98.1%
SAU801898	SHA101107	86%	100%	95.5%
SAU801898	SMU101024	46%	96.8%	90.2%
SAU801898	SPN400947	33%	92.4%	92.6%
SAU801898	SPY200551	45%	99.0%	93.2%
SAU801898	YPS003168	33%	82.9%	87.8%
SAU801899	ABA101192	49%	98.5%	96.9%
SAU801899	BAN113289	55%	98.1%	98.1%
SAU801899	BAN103118	77%	100%	100%
SAU801899	BPT102505	47%	99.4%	99.8%
SAU801899	BBU100340	41%	99.4%	99.4%
SAU801899	BCE113424	47%	74.7%	94.3%
SAU801899	BFU106894	45%	98.9%	98.4%
SAU801899	BMA107258	47%	98.9%	99.2%
SAU801899	CJU101122	48%	98.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801899	CPN200756	42%	99.4%	98.4%
SAU801899	CTR200267	41%	98.1%	97.1%
SAU801899	CAC103172	51%	100%	100%
SAU801899	CBO100777	53%	99.8%	99.8%
SAU801899	CDF102772	25%	25.5%	84%
SAU801899	CDP100169	44%	98.9%	96.4%
SAU801899	EFA201028	72%	100%	100%
SAU801899	EFM100482	77%	22.9%	100%
SAU801899	HPY100650	46%	99.4%	99.6%
SAU801899	LPN102938	40%	99.4%	99.8%
SAU801899	LMO100253	75%	100%	100%
SAU801899	MCA100584	46%	98.5%	97.1%
SAU801899	MAV106350	42%	98.1%	95.0%
SAU801899	MBV101310	42%	98.1%	93.9%
SAU801899	MLP101041	40%	98.1%	93.9%
SAU801899	MTU202971	42%	98.1%	93.9%
SAU801899	MGE100102	36%	97.7%	96.4%
SAU801899	MPN100593	38%	97.7%	96.2%
SAU801899	NGO101113	46%	99.4%	99.8%
SAU801899	NME201429	46%	99.4%	99.8%
SAU801899	PAE204482	48%	99.6%	99.8%
SAU801899	PPU103969	48%	99.6%	99.8%
SAU801899	PSY104801	48%	99.6%	95.0%
SAU801899	SAU801899	100%	100%	100%
SAU801899	SEP200547	92%	100%	100%
SAU801899	SHA101106	93%	100%	100%
SAU801899	SMU101137	64%	99.8%	99.4%
SAU801899	SPN400393	63%	99.8%	99.2%
SAU801899	SPY201364	63%	99.8%	99.4%
SAU801899	TPA101011	37%	99.4%	94.9%
SAU801899	UUR100550	36%	99.6%	99.6%
SAU801899	VCH100444	27%	25.1%	20.9%
SAU801900	ABA101195	47%	97.5%	96.3%
SAU801900	BAN102336	47%	96.3%	96.8%
SAU801900	BAN100349	61%	98.8%	98.8%
SAU801900	BFR100886	24%	18.6%	27.2%
SAU801900	BPT102507	47%	90.7%	89.8%
SAU801900	BBU100341	39%	91.8%	89.7%
SAU801900	BCE103922	49%	90.7%	91.3%
SAU801900	BFU106893	49%	91.8%	92.3%
SAU801900	BMA103667	49%	90.7%	91.3%
SAU801900	CJU100987	46%	89.7%	98.5%
SAU801900	CPN200757	44%	99.2%	97.2%
SAU801900	CTR200266	44%	98.8%	97.1%
SAU801900	CAC100524	54%	97.9%	99.8%
SAU801900	CBO102412	49%	98.8%	98.8%
SAU801900	CDP100148	46%	96.3%	96.4%
SAU801900	EBC101332	32%	93.0%	92.3%
SAU801900	EFA201041	61%	97.7%	96.5%
SAU801900	EFM202258	24%	95.9%	96.7%
SAU801900	HPY100817	48%	92.4%	96.7%
SAU801900	KPN302436	31%	97.5%	97.0%
SAU801900	LPN101348	50%	91.8%	91.9%
SAU801900	LMO101334	62%	97.5%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801900	MCA100258	47%	98.4%	97.8%
SAU801900	MAV101410	48%	95.5%	95.7%
SAU801900	MBV100289	47%	95.5%	95.7%
SAU801900	MLP101043	47%	95.5%	95.0%
SAU801900	MTU202973	47%	95.5%	95.7%
SAU801900	MGE100101	32%	97.1%	99.4%
SAU801900	MPN100594	33%	88.5%	91.6%
SAU801900	NGO101120	46%	96.3%	96.9%
SAU801900	NME201427	47%	96.1%	96.7%
SAU801900	PRT104598	24%	28.9%	44.3%
SAU801900	PAE204481	50%	95.9%	95.9%
SAU801900	PPU101392	48%	95.9%	96.1%
SAU801900	PSY105880	47%	95.9%	96.1%
SAU801900	SAU801900	100%	100%	100%
SAU801900	SEP200550	90%	100%	100%
SAU801900	SHA100413	89%	77.9%	98.4%
SAU801900	SMU101138	56%	98.8%	97.7%
SAU801900	SPN400394	56%	98.8%	97.7%
SAU801900	SPY201365	56%	98.8%	97.7%
SAU801900	TPA101010	46%	83.1%	81.6%
SAU801900	UUR100551	32%	94.0%	95.2%
SAU801900	YPS002788	31%	93.0%	92.3%
SAU801901	ABA101198	33%	89%	85.6%
SAU801901	BAN111216	40%	88%	94.6%
SAU801901	BAN108238	44%	95%	99.0%
SAU801901	BPT102508	35%	92%	97.1%
SAU801901	BCE104390	28%	92%	97.0%
SAU801901	BFU106892	28%	92%	86.5%
SAU801901	BMA103771	27%	92%	97.0%
SAU801901	CPN200758	28%	90%	92.1%
SAU801901	CTR200265	25%	92%	94%
SAU801901	CAC100906	30%	93%	93.9%
SAU801901	CBO103651	29%	93%	93.9%
SAU801901	CDP100146	32%	99%	100%
SAU801901	EFA201044	38%	97%	89.8%
SAU801901	EFM100480	39%	97%	96.0%
SAU801901	LPN103589	25%	95%	96.9%
SAU801901	LMO100749	46%	97%	100%
SAU801901	MCA100257	27%	92%	96.8%
SAU801901	MAV101412	38%	98%	100%
SAU801901	MBV101316	34%	98%	81.7%
SAU801901	MLP101044	35%	97%	98.0%
SAU801901	MTU202974	35%	98%	99.0%
SAU801901	NGO101123	29%	94%	97.9%
SAU801901	NME201426	27%	94%	97.9%
SAU801901	PAE204480	34%	90%	93.8%
SAU801901	PPU103938	34%	90%	94.7%
SAU801901	PSY108279	33%	90%	94.7%
SAU801901	SAU801901	100%	100%	100%
SAU801901	SEP200560	95%	100%	100%
SAU801901	SHA100412	90%	100%	100%
SAU801901	SMU101140	44%	95%	95%
SAU801901	SPN400395	41%	95%	95%
SAU801901	SPY201366	40%	95%	95%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801904	ABA100577	42%	97.9%	96.5%
SAU801904	BAN102650	47%	98.7%	100%
SAU801904	BAN110615	60%	98.7%	98.8%
SAU801904	BFR102809	40%	98.4%	99.1%
SAU801904	BPT100689	44%	96.1%	96.1%
SAU801904	BBU100551	33%	97.3%	97.7%
SAU801904	BCE104345	46%	97.5%	96.2%
SAU801904	BFU101944	46%	96.1%	94.9%
SAU801904	BMA104881	46%	96.1%	94.9%
SAU801904	CJU100547	35%	96.7%	97.4%
SAU801904	CPN200612	41%	96.9%	96.8%
SAU801904	CTR200416	38%	97.5%	97.6%
SAU801904	CAC101086	38%	97.6%	98.3%
SAU801904	CAC101820	38%	98.8%	98.7%
SAU801904	CBO101063	39%	98.2%	98.8%
SAU801904	CDF103325	49%	98.5%	96.9%
SAU801904	CDP100142	37%	98.5%	97.9%
SAU801904	EBC101052	43%	98.8%	99.6%
SAU801904	EFA201047	56%	98.4%	96.5%
SAU801904	EFM100886	58%	30.6%	95.8%
SAU801904	ECO102362	44%	98.8%	99.3%
SAU801904	HIN101074	45%	98.8%	97.9%
SAU801904	HPY100608	40%	97.8%	97.9%
SAU801904	KPN300317	41%	20.7%	81.8%
SAU801904	KPN301038	44%	98.8%	99.3%
SAU801904	LPN101707	40%	98.4%	98.5%
SAU801904	LMO102553	60%	99.0%	98.5%
SAU801904	MCA101464	42%	98.1%	95.2%
SAU801904	MAV101428	38%	97.3%	95.4%
SAU801904	MBV102830	38%	97.2%	95.5%
SAU801904	MLP101046	38%	97.3%	95.2%
SAU801904	MTU202976	38%	97.2%	95.5%
SAU801904	MGE100258	36%	98.2%	99.4%
SAU801904	MPN100479	37%	97.5%	98.8%
SAU801904	NGO100904	43%	98.8%	99.5%
SAU801904	NME200800	44%	98.2%	96.4%
SAU801904	PMU101716	43%	97.8%	97.8%
SAU801904	PRT102270	45%	98.5%	98.5%
SAU801904	PAE201528	42%	97.6%	97.4%
SAU801904	PPU107257	44%	98.1%	98.2%
SAU801904	PSY103902	43%	85.2%	94.1%
SAU801904	SPA103528	42%	98.8%	99.4%
SAU801904	STY101179	43%	98.8%	99.3%
SAU801904	SAU801904	100%	100%	100%
SAU801904	SEP200563	82%	99.4%	99.7%
SAU801904	SHA100321	83%	97.8%	100%
SAU801904	SMU101026	51%	97.8%	99.1%
SAU801904	SPN401024	51%	97.8%	99.1%
SAU801904	SPY200550	51%	97.8%	99.1%
SAU801904	TPA100627	27%	98.7%	77.5%
SAU801904	UUR100120	41%	99.4%	99.7%
SAU801904	VCH100955	43%	99.0%	99.6%
SAU801904	YPS000606	43%	98.8%	99.3%
SAU801905	ABA100705	40%	87.0%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801905	BAN105739	39%	99.2%	99.5%
SAU801905	BAN105118	58%	99.3%	98.7%
SAU801905	BFR10181	43%	91.2%	95.7%
SAU801905	BPT100444	37%	99.0%	96.3%
SAU801905	BBU100606	38%	87.1%	97.1%
SAU801905	BCE114095	37%	86.6%	100%
SAU801905	BFU114667	35%	99.9%	100%
SAU801905	BMA108211	34%	99.9%	100%
SAU801905	CJU101027	36%	96.8%	97.4%
SAU801905	CPN201081	40%	87.0%	98.9%
SAU801905	CTR200887	40%	87.3%	99.5%
SAU801905	CAC100746	44%	98.5%	98.9%
SAU801905	CBO101783	48%	99.0%	99.5%
SAU801905	CDF102800	43%	99.2%	98.7%
SAU801905	CDP100108	42%	99.2%	94.4%
SAU801905	EBC102904	39%	86.2%	94.6%
SAU801905	EFA201050	57%	99.5%	99.3%
SAU801905	EFM200737	25%	86.0%	88.9%
SAU801905	ECO103725	39%	99.0%	99.0%
SAU801905	HIN101161	40%	99.6%	99.3%
SAU801905	HPY101457	33%	95.5%	94.6%
SAU801905	KPN303539	39%	99.0%	98.8%
SAU801905	LPN100488	37%	89.3%	98.2%
SAU801905	LMO100030	60%	99.6%	99.9%
SAU801905	MCA101054	37%	87.3%	93.8%
SAU801905	MAV107704	43%	99.2%	97.8%
SAU801905	MBV101967	43%	99.2%	97.5%
SAU801905	MLP100111	41%	99.6%	98.2%
SAU801905	MTU200940	43%	99.2%	97.5%
SAU801905	MGE100248	28%	94.9%	96.0%
SAU801905	MPN100496	33%	92.3%	95.7%
SAU801905	MPN100495	29%	94.8%	94.8%
SAU801905	NGO100682	37%	99.0%	98.5%
SAU801905	NME200026	37%	99.0%	98.5%
SAU801905	PMU100411	39%	99.6%	99.4%
SAU801905	PRT102802	38%	99.0%	99.3%
SAU801905	PAE205438	38%	99.5%	99.2%
SAU801905	PPU102313	38%	99.5%	99.0%
SAU801905	PSY103224	37%	94.5%	99.6%
SAU801905	SPA103752	39%	86.2%	93.9%
SAU801905	STY102029	39%	99.0%	99.0%
SAU801905	STM101095	39%	99.0%	99.0%
SAU801905	SAU801905	100%	100%	100%
SAU801905	SEP200564	89%	100%	99.9%
SAU801905	SHA100319	87%	98.5%	100%
SAU801905	SMU100987	52%	99.7%	100%
SAU801905	SPN400995	53%	99.7%	99.9%
SAU801905	SPY200975	52%	99.7%	100%
SAU801905	TPA100101	41%	87.7%	96.7%
SAU801905	UUR100506	37%	97.7%	97.4%
SAU801905	VCH100188	40%	99.2%	99.0%
SAU801905	YPS001400	39%	99.0%	99.0%
SAU801908	ABA105090	26%	98.4%	97.1%
SAU801908	BAN108908	61%	99.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801908	BAN107339	72%	99.8%	99.3%
SAU801908	BFR11423	26%	67.7%	67.9%
SAU801908	BPT102211	25%	70.3%	66.0%
SAU801908	BCE106246	32%	52.4%	62.8%
SAU801908	BFU107381	27%	96.1%	89.5%
SAU801908	BMA109025	28%	95.8%	90.5%
SAU801908	CJU100023	48%	99.1%	99.3%
SAU801908	CAC101025	28%	95.4%	89.7%
SAU801908	CBO102979	27%	95.8%	89.9%
SAU801908	CDF100139	26%	16.9%	81.5%
SAU801908	CDF100863	28%	97.4%	90.6%
SAU801908	CDP100537	24%	95.8%	89.1%
SAU801908	EBC102864	25%	76.3%	73.7%
SAU801908	EFA200867	70%	99.8%	99.8%
SAU801908	EFM201242	68%	99.8%	99.8%
SAU801908	ECO101104	27%	74.0%	71.5%
SAU801908	HIN100620	24%	79.6%	76.8%
SAU801908	HPY101095	46%	99.1%	99.3%
SAU801908	KPN304553	30%	94.0%	93.4%
SAU801908	LPN100438	25%	68.7%	67.1%
SAU801908	LMO102395	72%	99.8%	100%
SAU801908	MCA100711	26%	81.9%	78.8%
SAU801908	MAV104228	27%	87.5%	81.6%
SAU801908	MBV105328	27%	87.5%	82.0%
SAU801908	MLP101330	28%	87.5%	82.0%
SAU801908	MTU200771	27%	87.5%	82.0%
SAU801908	NGO101832	26%	80.5%	80.7%
SAU801908	NME202038	24%	90.3%	90.1%
SAU801908	PMU101851	27%	85.8%	81.3%
SAU801908	PRT104726	25%	95.8%	91.7%
SAU801908	PRT105429	33%	97.4%	94.3%
SAU801908	PAE203514	29%	98.1%	88.6%
SAU801908	PAE203515	32%	95.1%	87.2%
SAU801908	PPU101118	29%	98.4%	96%
SAU801908	PSY102568	29%	87.0%	95.1%
SAU801908	SPA104234	26%	68.7%	65.0%
SAU801908	STY102567	26%	74.0%	71.5%
SAU801908	SAU801908	100%	100%	100%
SAU801908	SEP200567	92%	100%	100%
SAU801908	SHA100373	93%	99.8%	99.8%
SAU801908	SMU101297	66%	99.8%	99.5%
SAU801908	SPN400056	66%	99.8%	99.5%
SAU801908	SPY200028	66%	99.8%	100%
SAU801908	VCH101107	27%	65.7%	63.8%
SAU801908	YPS003261	26%	76.6%	75.2%
SAU801912	ABA100328	25%	83.5%	42.9%
SAU801912	BAN108683	47%	85.7%	85.7%
SAU801912	BAN108744	50%	95.2%	95.6%
SAU801912	BFR106001	25%	59.0%	24.2%
SAU801912	BPT101105	23%	76.2%	37.3%
SAU801912	BCE104452	45%	97.8%	96.1%
SAU801912	BFU114829	46%	97.8%	94.8%
SAU801912	BMA100850	44%	96.7%	94.4%
SAU801912	CJU100749	27%	85.7%	92.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801912	CAC102721	26%	67.0%	27.6%
SAU801912	CBO100735	26%	67.4%	28.5%
SAU801912	CDF103692	31%	81.0%	87.3%
SAU801912	CDP101431	50%	95.2%	96.3%
SAU801912	EBC101020	58%	98.5%	99.3%
SAU801912	EFA201596	55%	97.4%	97.5%
SAU801912	EFM200649	56%	95.2%	95.6%
SAU801912	ECO101708	58%	98.5%	99.3%
SAU801912	HPY100325	31%	80.6%	78.8%
SAU801912	KPN302800	60%	98.5%	99.3%
SAU801912	LMO101503	58%	96.7%	97.1%
SAU801912	MCA102959	24%	80.6%	38.5%
SAU801912	MGE100394	28%	86.8%	91.1%
SAU801912	MPN100280	27%	88.3%	92.3%
SAU801912	NGO101101	25%	79.5%	81.0%
SAU801912	NME201435	25%	79.9%	78.4%
SAU801912	PRT106200	27%	83.9%	42.9%
SAU801912	PAE204915	45%	96.3%	98.5%
SAU801912	PPU107581	45%	97.1%	99.3%
SAU801912	PSY101011	45%	97.1%	99.3%
SAU801912	SPA103120	60%	96.3%	96.4%
SAU801912	STY101195	58%	98.5%	99.3%
SAU801912	SAU801912	100%	100%	100%
SAU801912	SEP200570	80%	99.6%	98.9%
SAU801912	SHA100109	80%	100%	100%
SAU801912	SMU101467	57%	95.2%	95.6%
SAU801912	SPN401275	55%	96.3%	96.7%
SAU801912	SPY201273	57%	96.3%	96.7%
SAU801912	TPA100772	24%	76.2%	28.9%
SAU801912	UUR100465	30%	87.2%	91.0%
SAU801912	VCH102941	50%	97.1%	99.6%
SAU801912	YPS003346	27%	76.6%	37.8%
SAU801913	ABA104064	24%	62.8%	82.4%
SAU801913	BAN100917	56%	98.0%	99.2%
SAU801913	BAN111422	64%	98.8%	99.2%
SAU801913	BFR12483	24%	61.3%	83.0%
SAU801913	BBU100634	40%	95.1%	97.9%
SAU801913	BFU104396	21%	56.2%	76.7%
SAU801913	CJU100203	44%	78.9%	84.0%
SAU801913	CAC102082	46%	96.1%	96.7%
SAU801913	CAC102201	45%	95.5%	95.5%
SAU801913	CBO101220	43%	96.1%	96.1%
SAU801913	CDF101027	49%	95.5%	98.3%
SAU801913	CDP101373	33%	90.4%	94.7%
SAU801913	EBC100632	24%	37.4%	64.1%
SAU801913	EFA201594	59%	99.2%	98.4%
SAU801913	EFM200699	59%	98.6%	98.6%
SAU801913	ECO100906	20%	66.3%	87%
SAU801913	KPN301496	21%	57.5%	77%
SAU801913	LPN101555	44%	95.9%	98.1%
SAU801913	LMO102099	61%	97.8%	96.8%
SAU801913	MAV103522	30%	89.4%	92.1%
SAU801913	MBV100308	37%	92.6%	91.1%
SAU801913	MTU200570	37%	92.6%	91.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801913	MPN100107	21%	61.1%	76.1%
SAU801913	NGO100225	25%	71.2%	93.0%
SAU801913	NME201565	25%	71.2%	89.3%
SAU801913	PRT101956	22%	40.9%	54.2%
SAU801913	PAE204374	23%	31.7%	44.0%
SAU801913	PPU107582	24%	54.2%	72.1%
SAU801913	PSY101887	25%	31.7%	43.0%
SAU801913	SPA102570	21%	66.3%	87%
SAU801913	STY102950	21%	66.3%	87%
SAU801913	SAU801913	100%	100%	100%
SAU801913	SEP200580	85%	100%	100%
SAU801913	SHA101008	87%	84.0%	96.9%
SAU801913	SMU101465	58%	98.0%	98.6%
SAU801913	SPN401276	59%	98.6%	99.4%
SAU801913	SPY201274	62%	95.3%	96.3%
SAU801913	TPA100621	38%	92.2%	95.3%
SAU801913	UUR100278	22%	54.8%	78.2%
SAU801913	YPS002092	21%	66.3%	87.0%
SAU801919	BAN106385	61%	66.3%	99.5%
SAU801919	BAN103886	53%	98.4%	99.7%
SAU801919	CAC101085	43%	98.1%	97.4%
SAU801919	CBO102972	42%	76.7%	86.5%
SAU801919	CDF100963	46%	2.6%	44.5%
SAU801919	EFA201809	57%	98.7%	99.0%
SAU801919	EFM101283	48%	65.0%	100%
SAU801919	LMO102809	52%	100%	100%
SAU801919	SAU801919	100%	100%	100%
SAU801919	SEP200585	82%	100%	100%
SAU801919	SHA100533	81%	100%	100%
SAU801919	SMU100407	48%	99.0%	99.0%
SAU801919	SPN401388	49%	99.0%	99.0%
SAU801919	SPY200277	48%	99.0%	99.0%
SAU801919	VCH101659	34%	97.7%	98.7%
SAU801933	BAN110157	40%	95.3%	100%
SAU801933	BAN100669	41%	95.3%	97.9%
SAU801933	BFR12250	29%	72.1%	73.6%
SAU801933	CBO103408	43%	92.6%	97.2%
SAU801933	CDF102635	40%	95.0%	99.3%
SAU801933	HPY101203	30%	75.8%	97.8%
SAU801933	SAU801933	100%	100%	100%
SAU801933	SEP200625	67%	98.0%	96.1%
SAU801933	SHA100899	61%	95.3%	95.0%
SAU801933	SMU101571	40%	76.8%	93.4%
SAU801933	SPN401558	35%	68.5%	82.5%
SAU801933	SPY200989	35%	68.5%	86.2%
SAU801934	ABA105859	30%	78.6%	38%
SAU801934	BAN104444	47%	97.6%	100%
SAU801934	BAN112958	52%	100%	97.7%
SAU801934	BCE102018	42%	55.6%	51.9%
SAU801934	CAC102154	36%	75.4%	81.0%
SAU801934	CBO102232	49%	96.0%	98.4%
SAU801934	CDF100819	47%	98.4%	100%
SAU801934	EFA204644	29%	100%	96.1%
SAU801934	KPN103820	29%	70.6%	40.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801934	LMO101932	31%	88.9%	85.5%
SAU801934	MAV100931	39%	54.8%	57.0%
SAU801934	MBV100745	29%	88.9%	87.6%
SAU801934	MTU201137	29%	88.9%	87.6%
SAU801934	PRT106136	43%	49.2%	23.8%
SAU801934	STM101603	28%	81.0%	41.2%
SAU801934	SAU801934	100%	100%	100%
SAU801934	SEP200626	80%	98.4%	99.2%
SAU801934	SHA100898	78%	98.4%	98.4%
SAU801934	SMU101019	31%	88.9%	90.2%
SAU801934	SPN401557	32%	84.9%	87.6%
SAU801934	VCH102380	38%	50%	24.6%
SAU801934	YPS002665	38%	53.2%	26.3%
SAU802004	BAN101272	25%	94.7%	98.4%
SAU802004	BAN107130	26%	95.9%	98.7%
SAU802004	SAU801163	28%	89.6%	92.8%
SAU802004	SAU802419	29%	91.1%	92.2%
SAU802004	SAU801820	29%	84.9%	88.1%
SAU802004	SAU802420	30%	83.4%	85.7%
SAU802004	SAU802005	33%	90.5%	82.9%
SAU802004	SAU802421	40%	96.4%	97.2%
SAU802004	SAU801819	39%	95.6%	94.3%
SAU802004	SAU802004	100%	100%	100%
SAU802004	VCH100912	22%	30.2%	43.2%
SAU802047	ABA100982	31%	99.7%	97.5%
SAU802047	BAN106801	29%	95.3%	98.4%
SAU802047	BAN104276	47%	99.4%	99.7%
SAU802047	BFR103776	37%	93.6%	57.0%
SAU802047	BFR10042	34%	99.7%	99.1%
SAU802047	BCE113553	30%	99.7%	99.4%
SAU802047	BFU107062	30%	99.7%	99.4%
SAU802047	BMA104615	31%	99.7%	99.4%
SAU802047	CAC100348	38%	99.4%	99.1%
SAU802047	CBO100372	39%	99.7%	98.9%
SAU802047	CDF101542	40%	99.2%	99.7%
SAU802047	EBC102419	32%	43.6%	86.1%
SAU802047	EFA201584	46%	100%	98.9%
SAU802047	EFM201350	46%	100%	99.2%
SAU802047	ECO103275	31%	45.0%	87.8%
SAU802047	HIN100639	31%	87.7%	42.5%
SAU802047	KPN301152	31%	46.1%	88.9%
SAU802047	LMO101290	46%	100%	99.5%
SAU802047	MCA100657	31%	99.7%	99.7%
SAU802047	PMU101582	31%	86.3%	40.9%
SAU802047	PRT102660	31%	86.3%	40.7%
SAU802047	STY101770	32%	82.6%	37.6%
SAU802047	STM102482	32%	82.6%	37.6%
SAU802047	SAU802047	100%	100%	100%
SAU802047	SEP201282	79%	100%	100%
SAU802047	SHA101969	80%	100%	100%
SAU802047	SMU100319	45%	100%	99.7%
SAU802047	SPN401021	47%	100%	100%
SAU802047	SPY200774	44%	100%	99.7%
SAU802049	ABA100056	43%	85.9%	93.3%